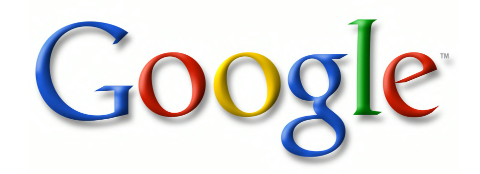
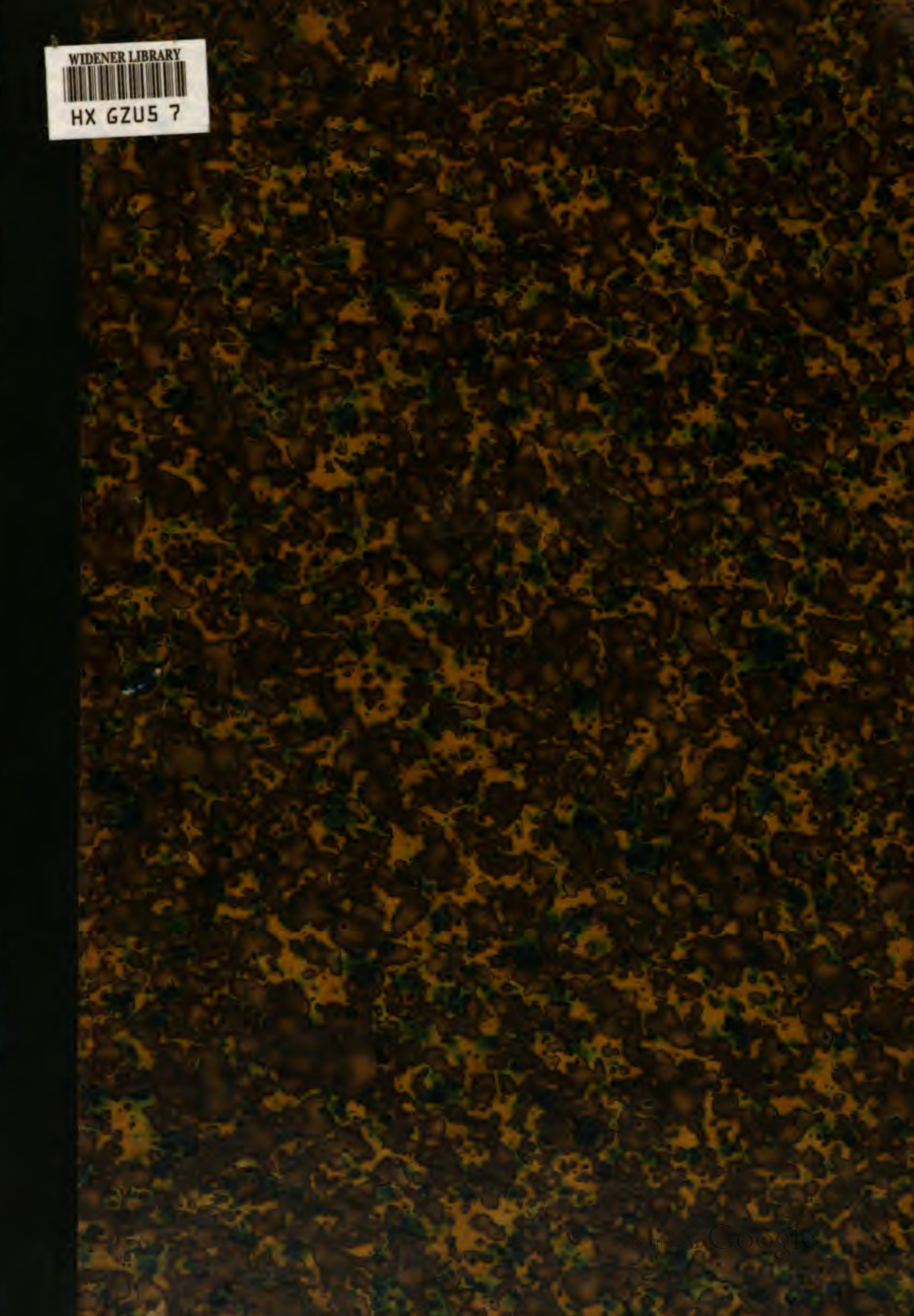
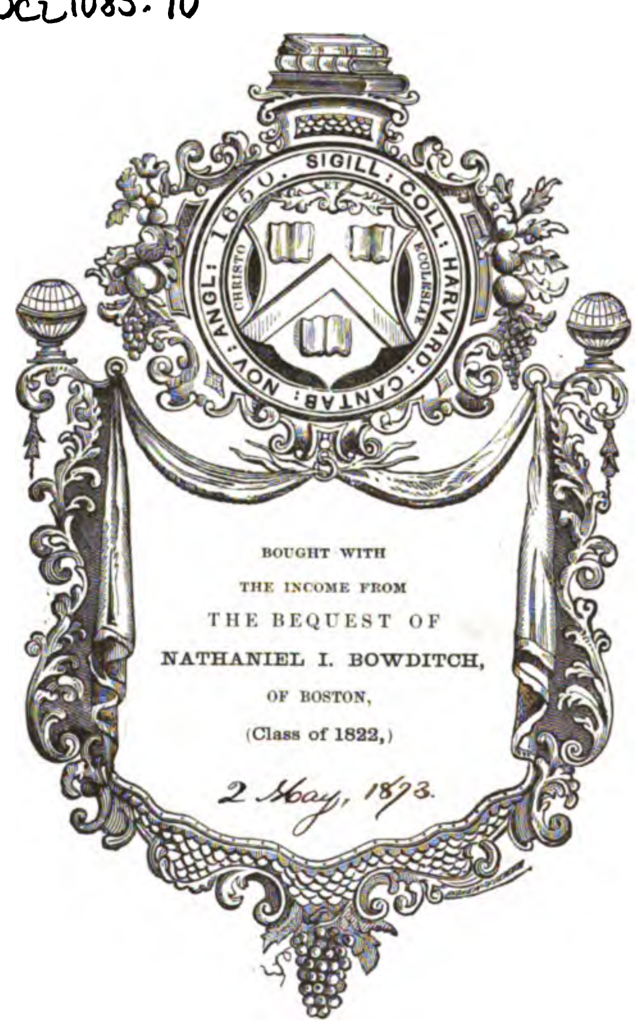





SIGILL : COLL : HARVARD : CANTAB : NOV : ANGL : 1650.
CHRISTO ET ECCLESIAE
BOUGHT WITH
THE INCOME FROM
THE BEQUEST OF
NATHANIEL I. BOWDITCH,
OF BOSTON,
(Class of 1822,)
2 May, 1873.



REPERTORIUM

FÜR

EXPERIMENTAL-PHYSIK,

FÜR

PHYSIKALISCHE TECHNIK,

MATHEMATISCHE & ASTRONOMISCHE INSTRUMENTENKUNDE.

HERAUSGEGEBEN

VON

DR. PH. CARL,

PROFESSOR DER PHYSIK AN DEN KGL. BAYER. MILITÄR-BILDUNGS-ANSTALTEN UND INHABER EINER PHYSIKALISCHEN ANSTALT IN MÜNCHEN.

FÜNFTER BAND

(DES „REPERTORIUMS FÜR PHYSIKALISCHE TECHNIK &c.“)

ATLAS.

(MIT TAFEL I—XXI.)

MÜNCHEN, 1869.

VERLAG VON R. OLDENBOURG.

Verzeichniss der Figurentafeln.

Tafel XVIII. Zur Abhandlung von Steinheil. Das Prüfen und Wählen der photographischen Objective.

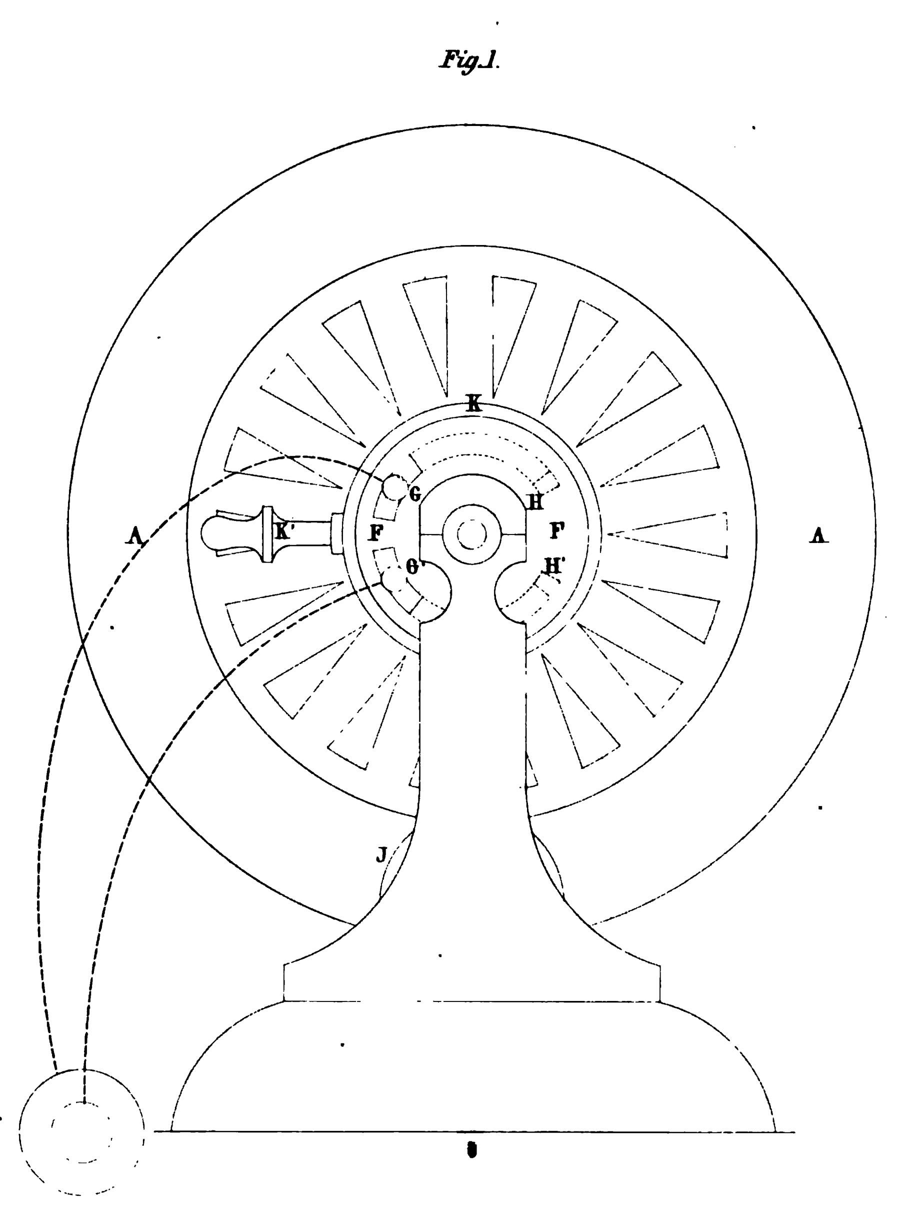
Tafel XIX. Brusotti's registrirendes Anemometer.

Tafel XX. Das electrisch-registrirende Anemometer der k. Sternwarte zu Modena.

Tafel XXI. Figg. 1—3. Wild's neues Polaristrobometer.
Figg. 4—6. S. Merz. Spectralapparat für Mikroskope.
Fig. 7. Kaiser's Influenz-Electrisirmaschine.

Pierre: Kravogel's E

Mo

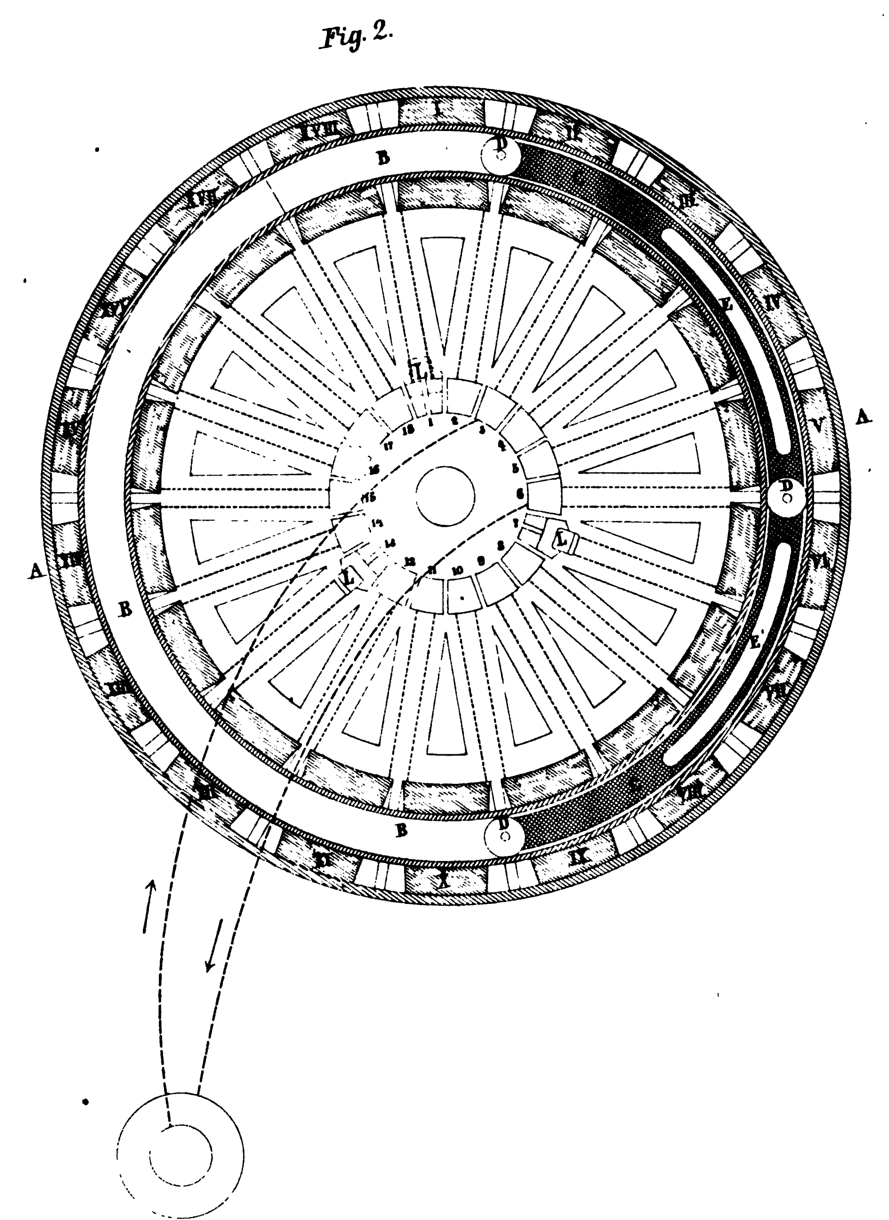


Ph. Carl's Repertorium V Band.

Taf. I

nagnetischer

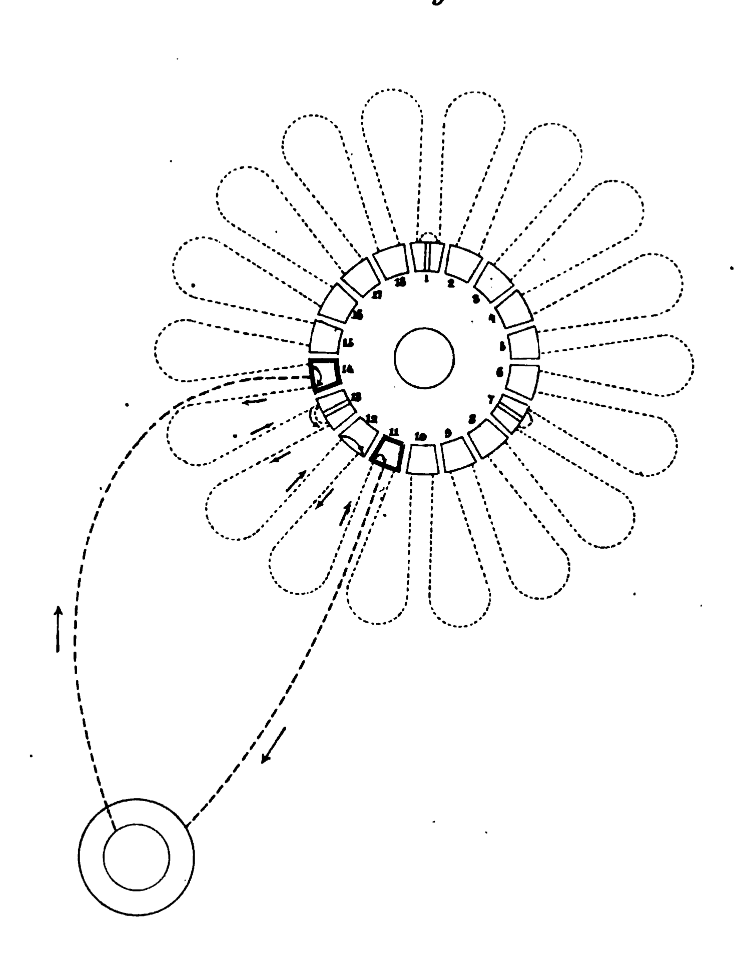
Fig. 2.

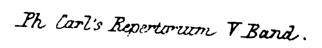


Pierre: Kravogel's E

Mo

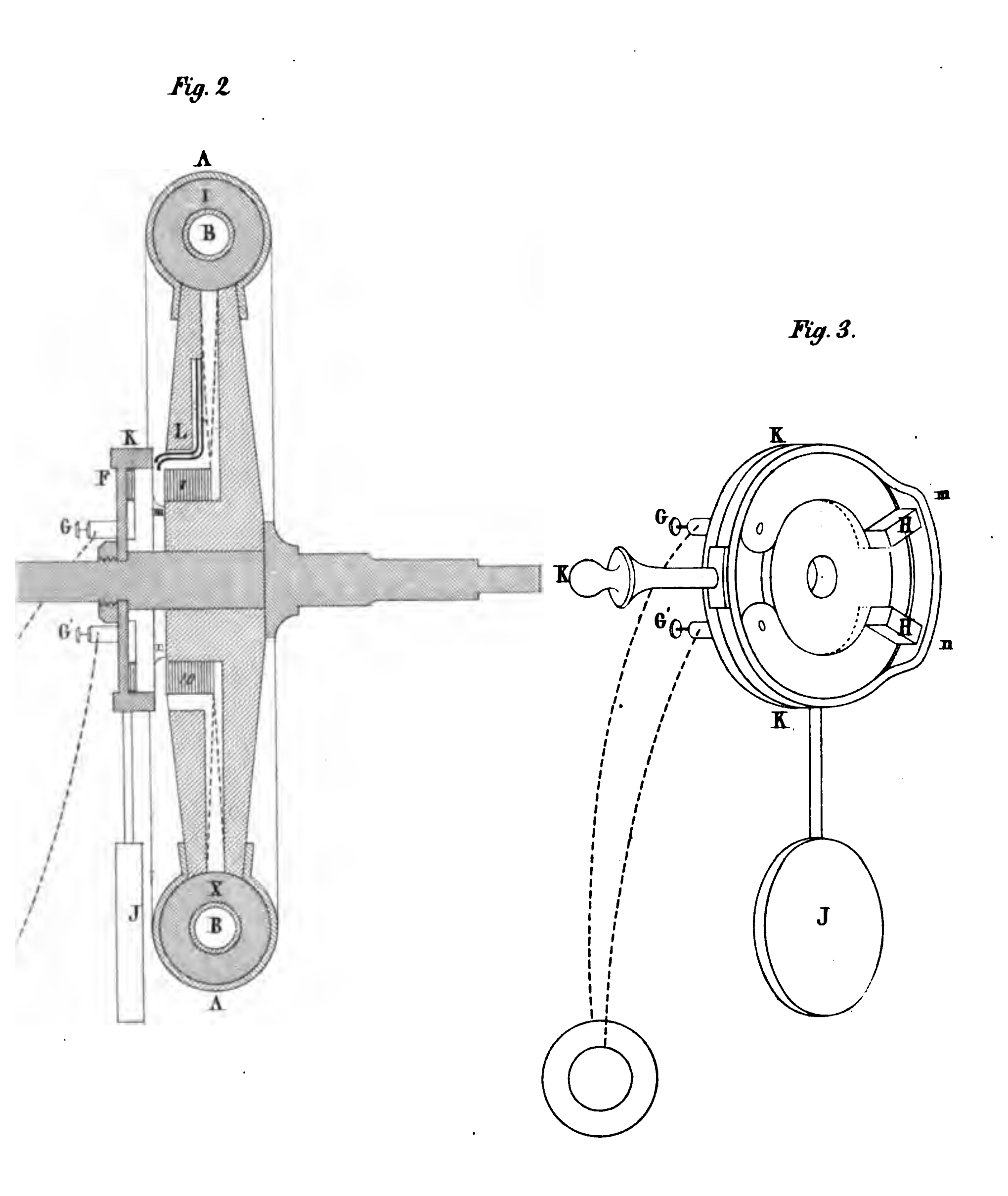
Fig. 1.



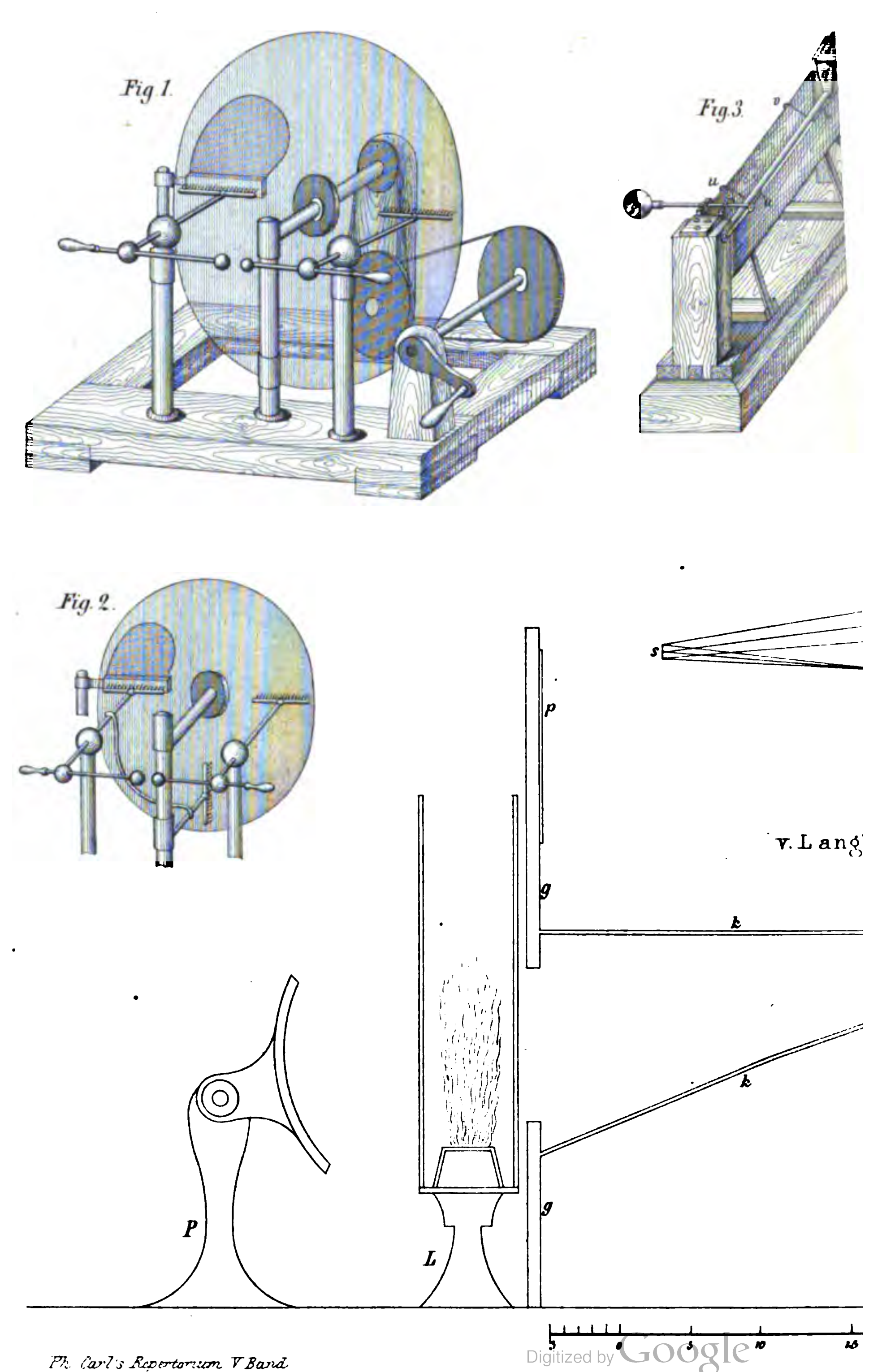


ectromagnetischer

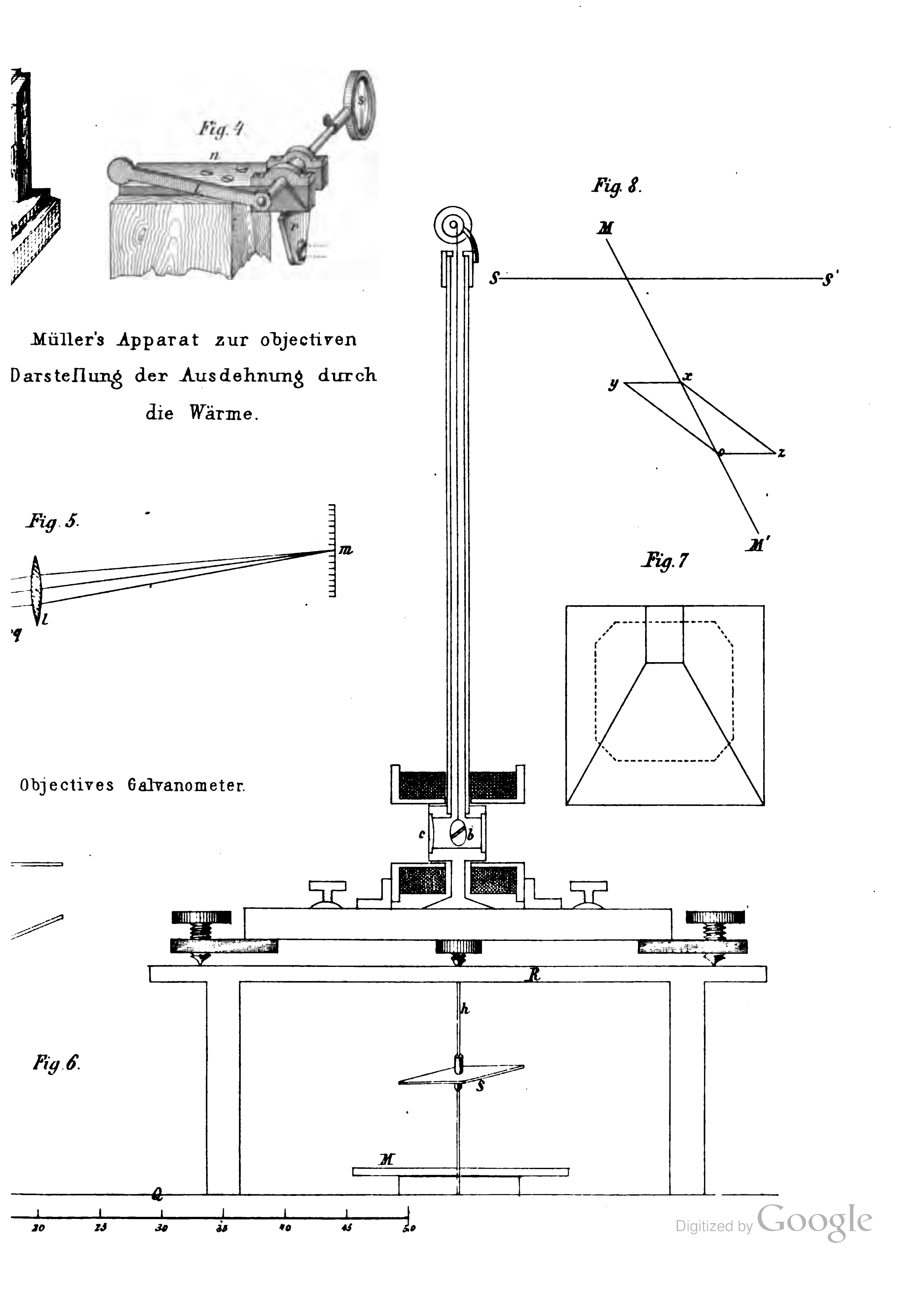
or.



Kundt's Electrisirmaschine.



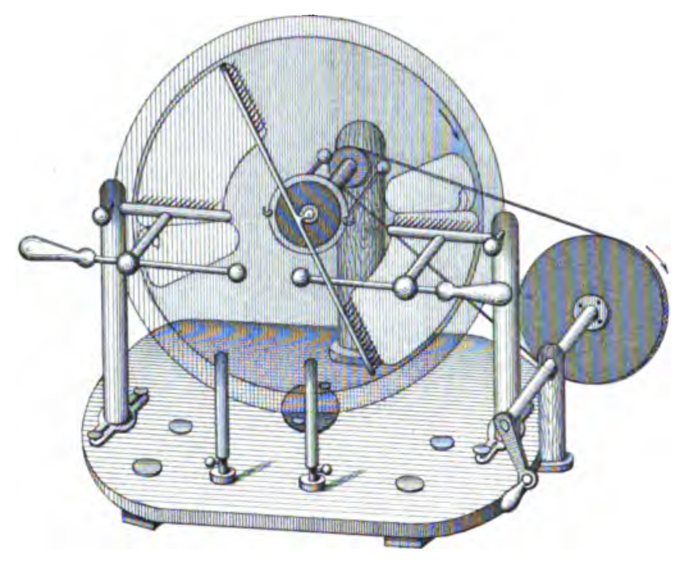
Taf. III



Müller's Apparat zur objectiven Darstellung der Ausdehnung durch die Wärme.

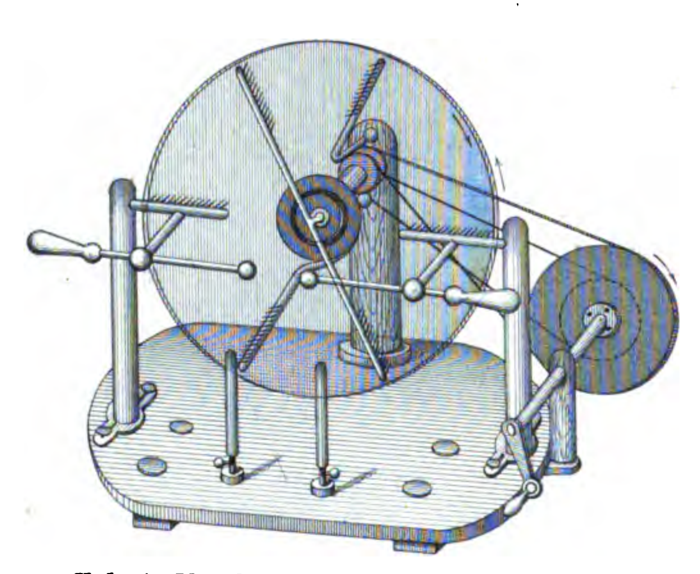
Objectives Galvanometer.

Fig. 5.



Holtz's Maschine mit einer festen und einer rotirenden Scheibe.

Fig. 6.



Holtz's Maschine mit zwei entgegengesetzt rotirenden Scheiben.

Fig. 1.

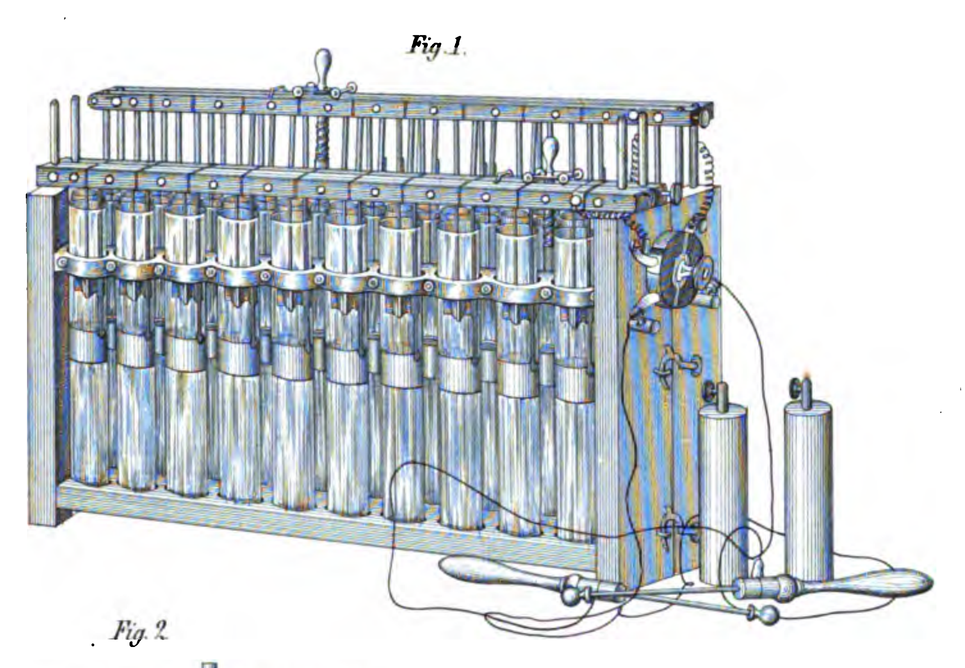
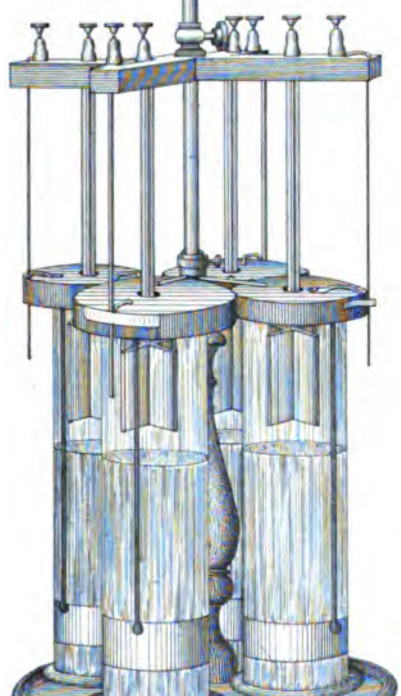
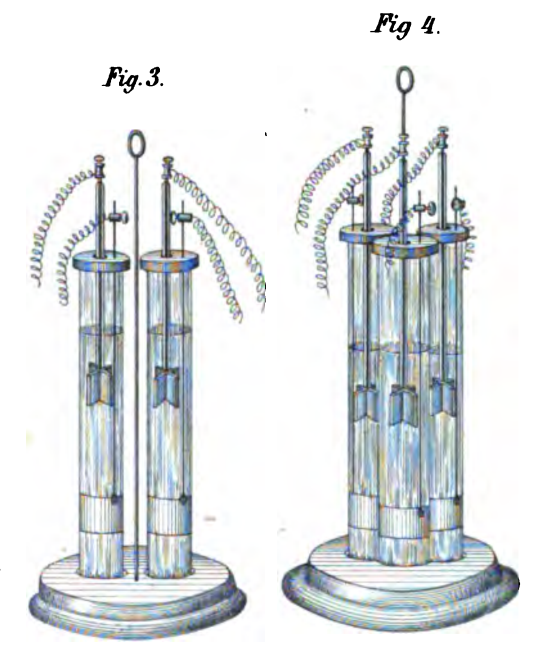


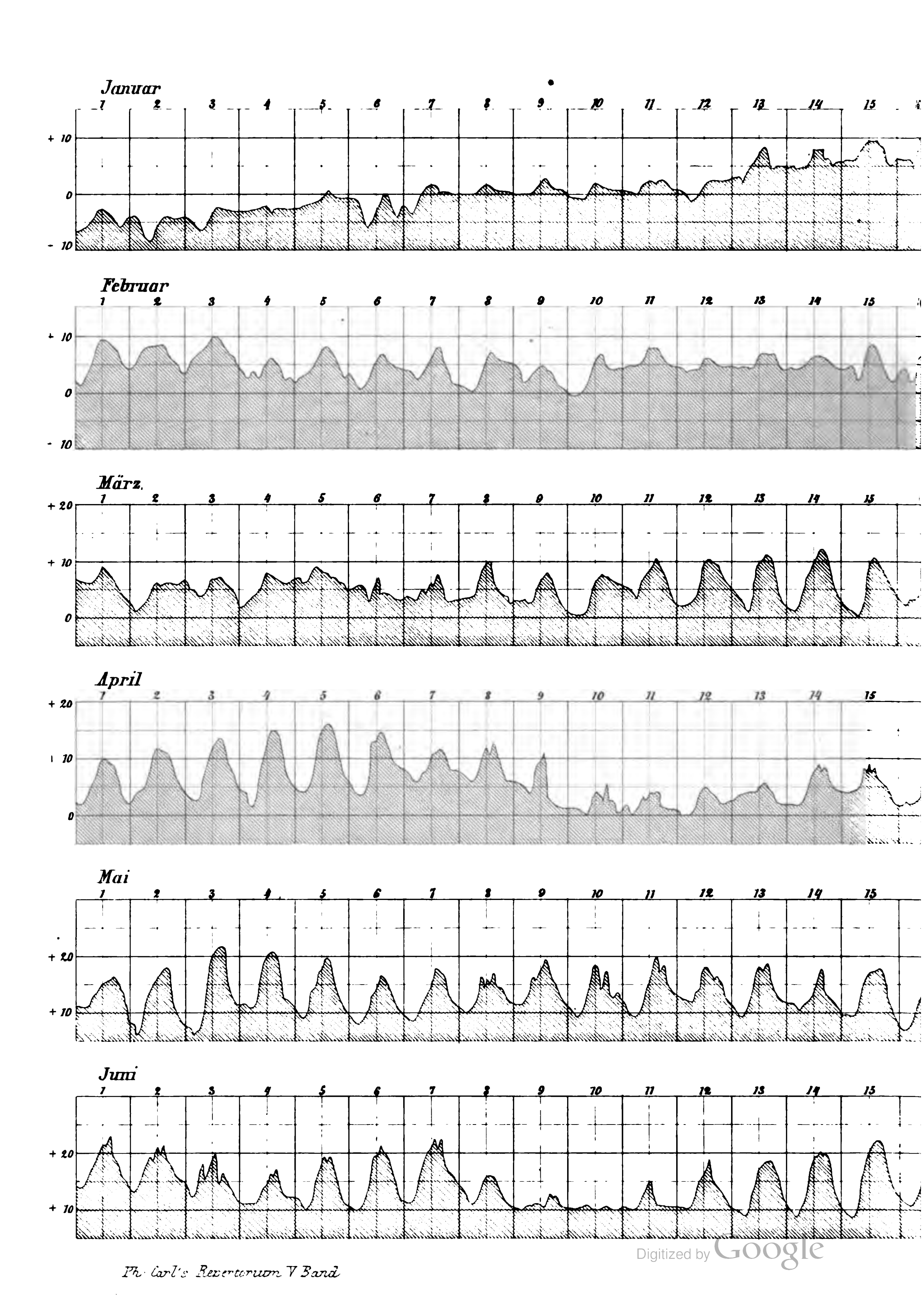
Fig. 2.



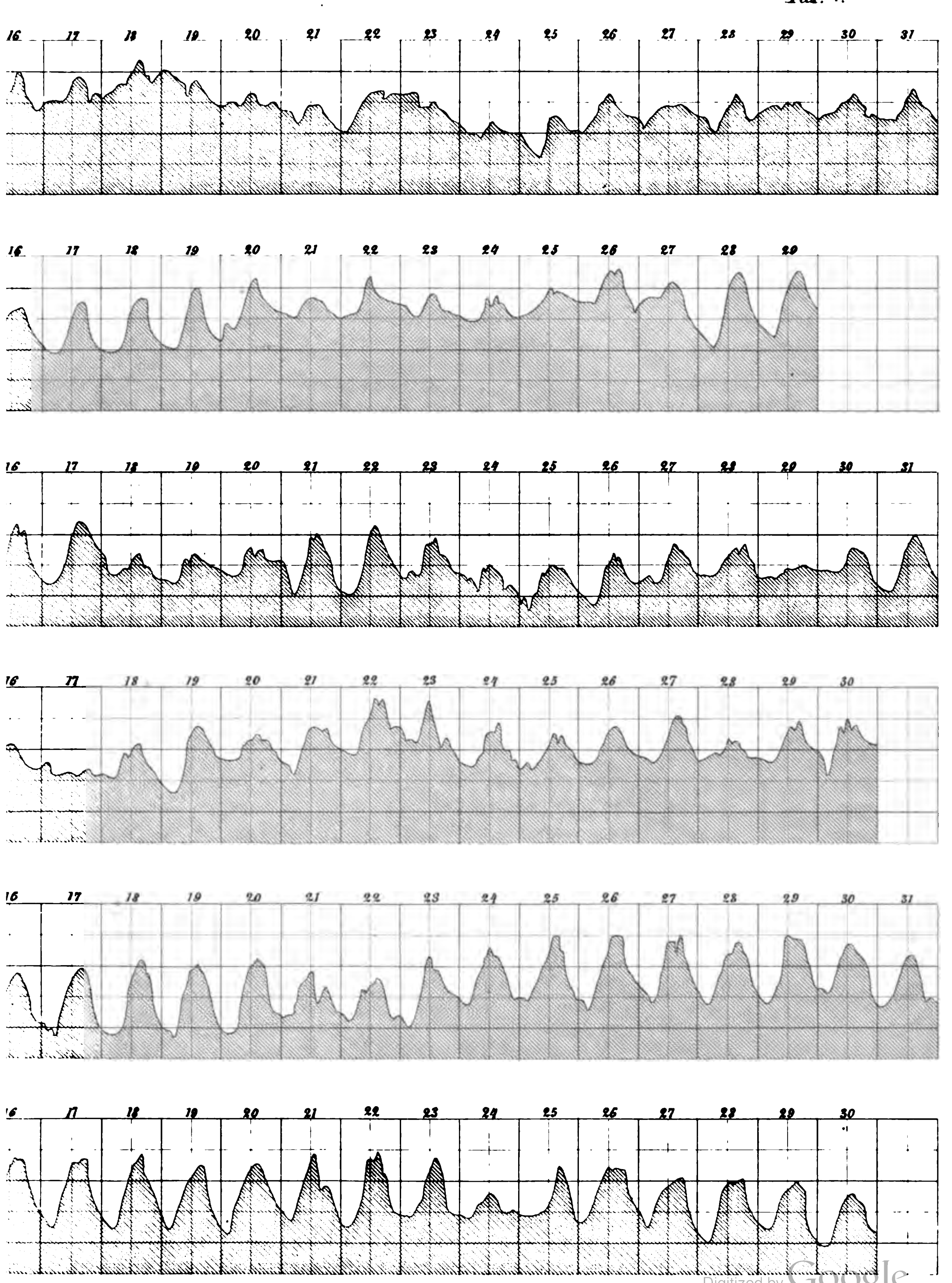
Pincus's Chlorsilberkette.

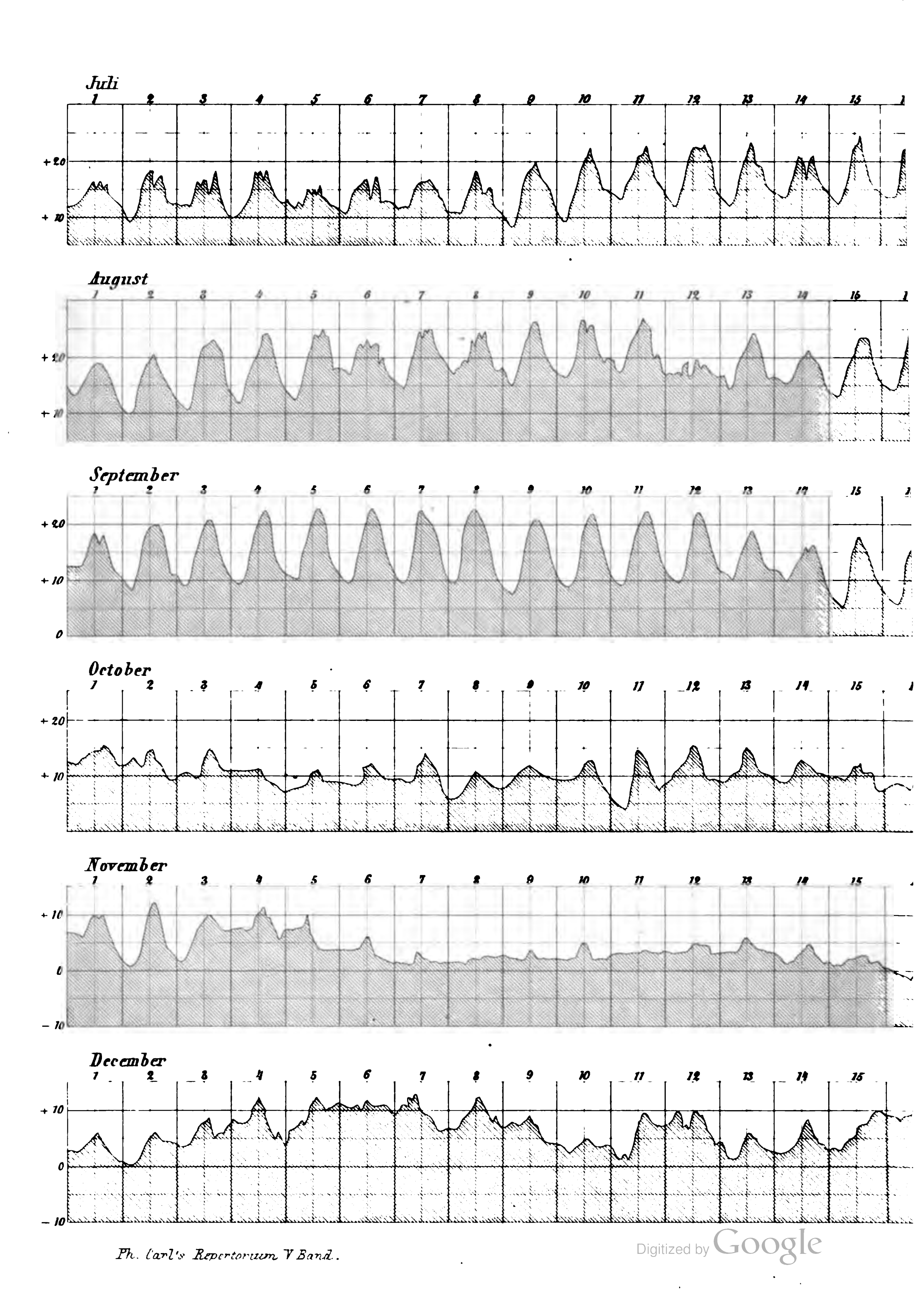
Fig. 3. Fig. 4.

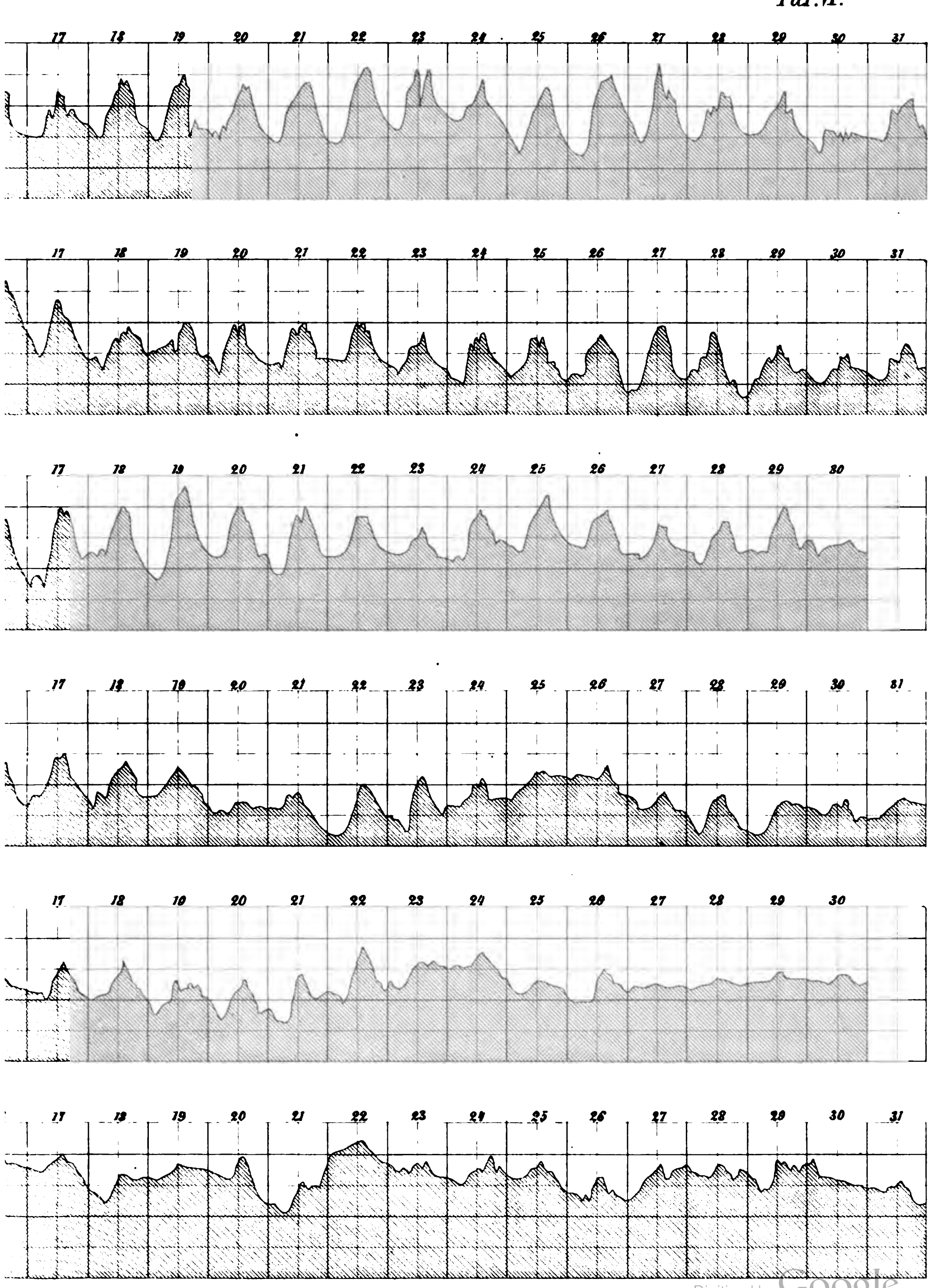


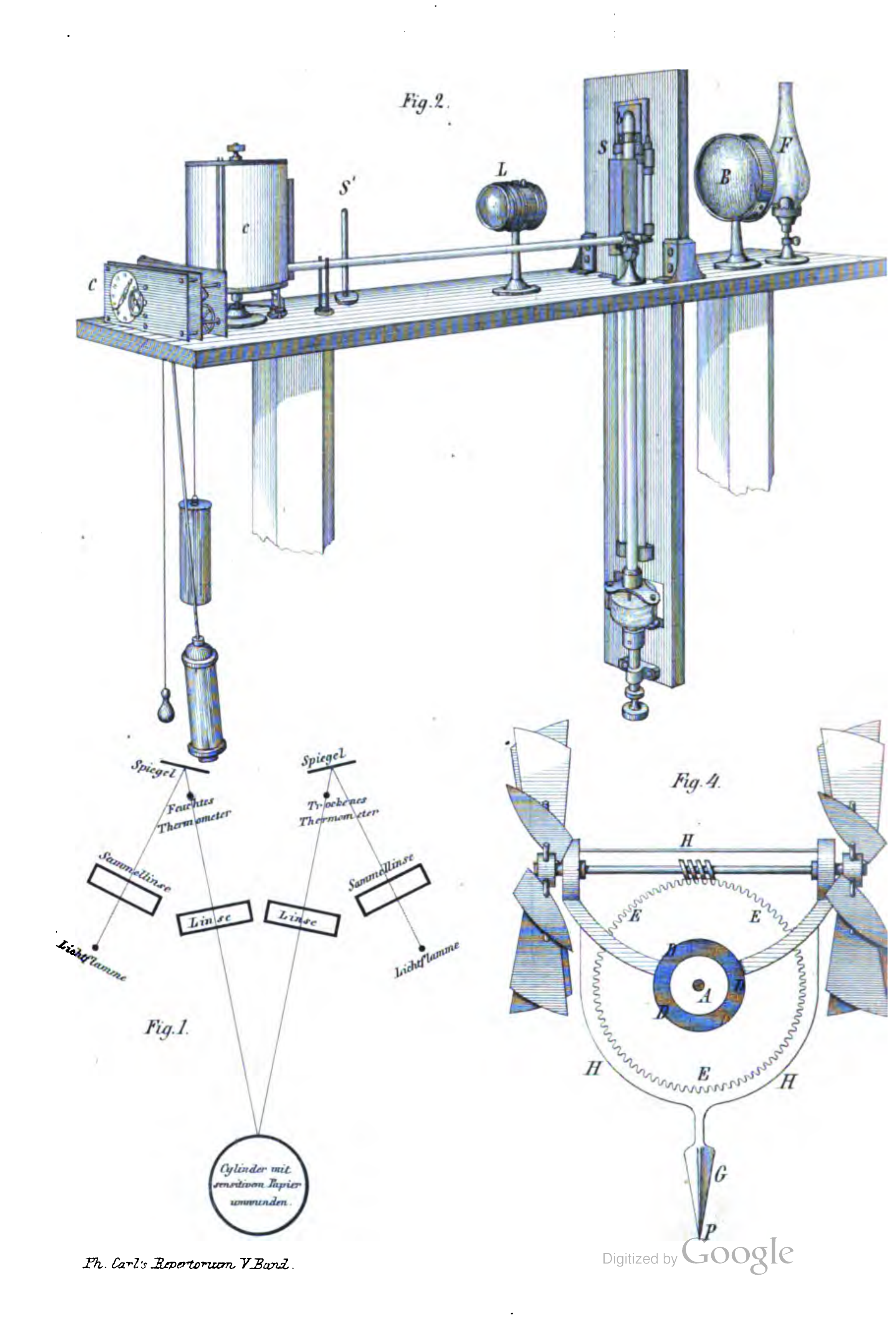

Januar
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
+ 10
0
- 10
Februar
+ 10
0
- 10
März.
+ 20
+ 10
0
April
+ 20
10
0
Mai
+ 20
+ 10
Juni
+ 20
+ 10

Taf. V.




Juli
August
September
October
November
December
Ph. Carl's Repertorium V Band.


17
18
19
20
21
22
23
24
25
26
27
28
29
30
31


Fig. 2.
S'
L
S
B
F
c
C
Spiegel
Feuchtes Thermometer
Spiegel
Trockenes Thermometer
Sammellinse
Sammellinse
Linse
Linse
Lichtflamme
Lichtflamme
Fig. 1.
Cylinder mit sensitivem Papier umwunden.
Fig. 4.
H
E
E
D
D
D
A
H
E
H
G
P

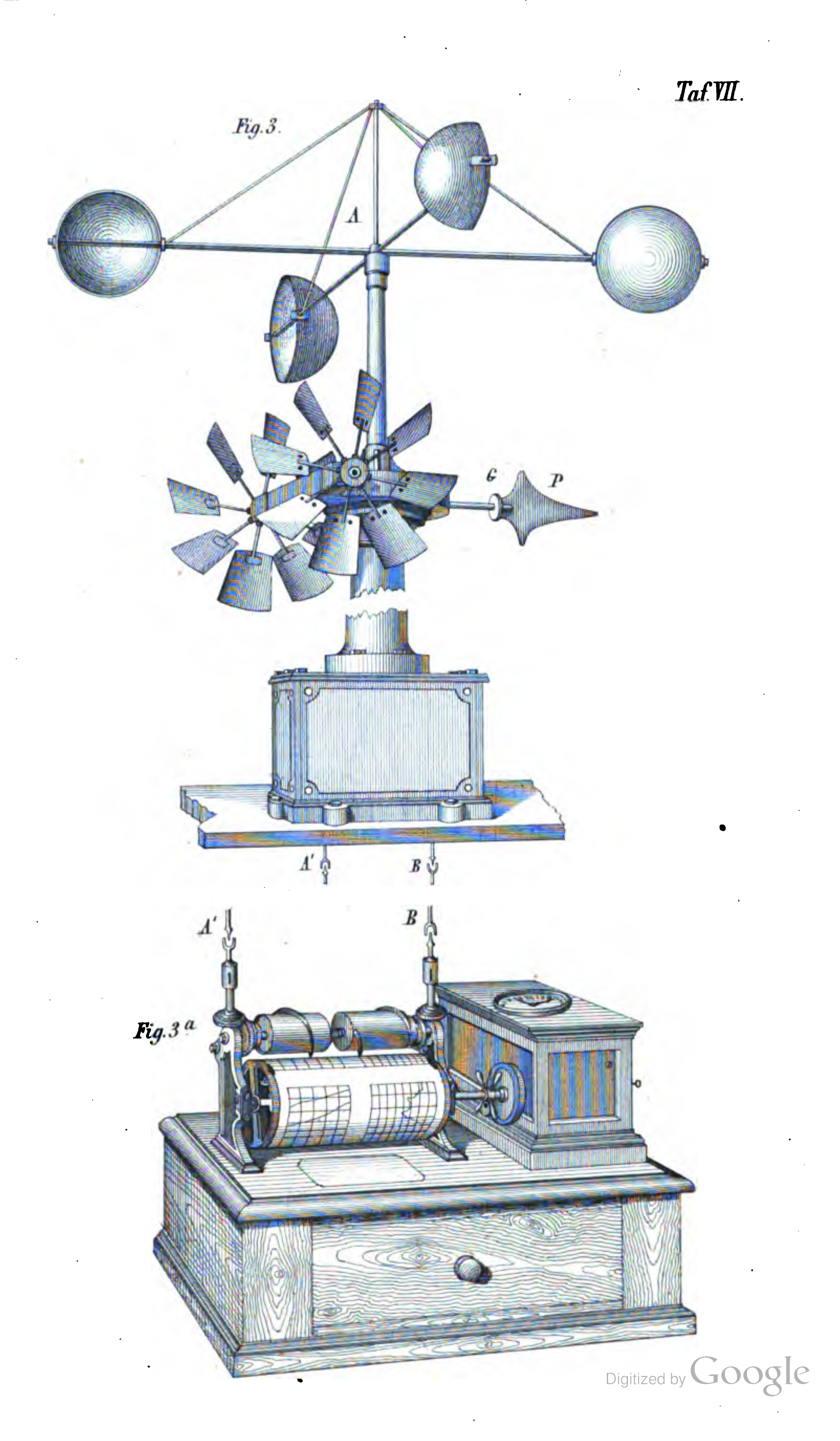

Fig. 3.
A
G
P
A'
B
A'
B
Fig. 3 a

Fig. 1.

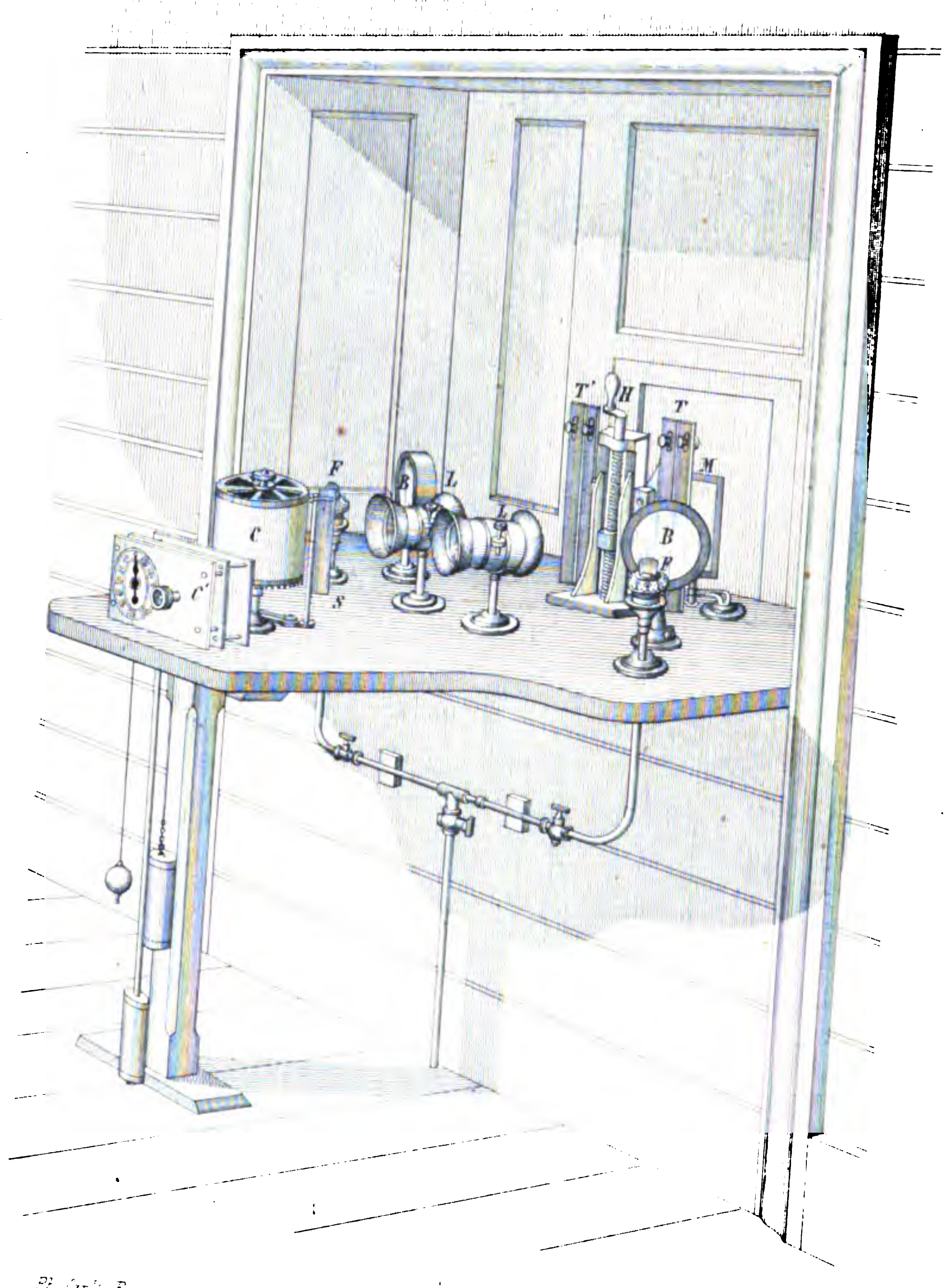
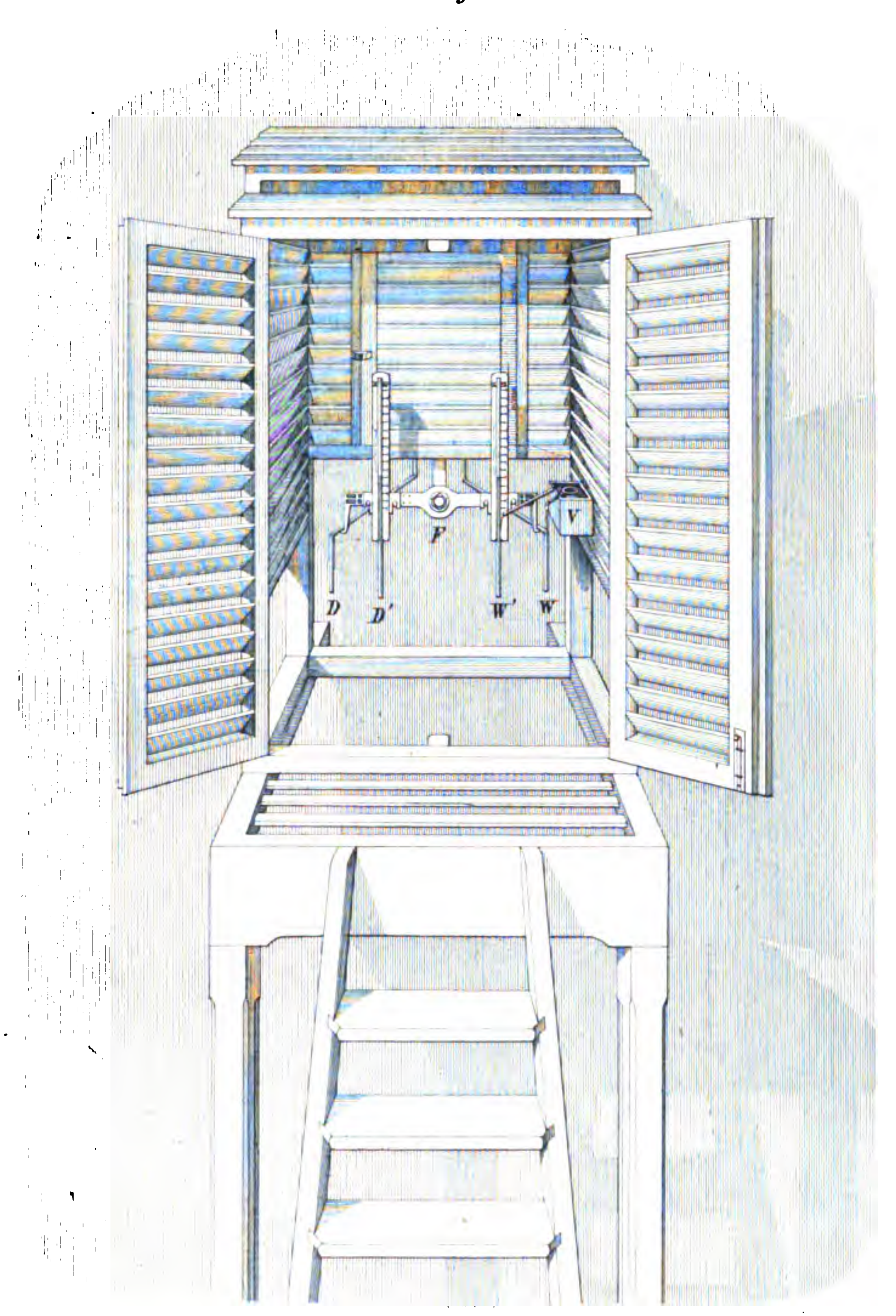
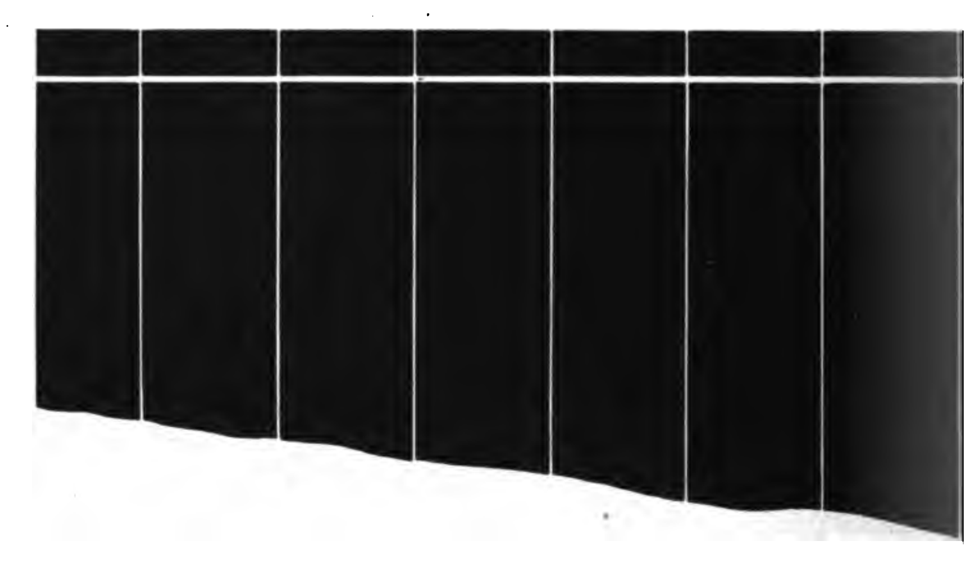


Fig. 2.





KEW BAROGRAPH

1868. March 7. 10.32. A.M. G.M.T.

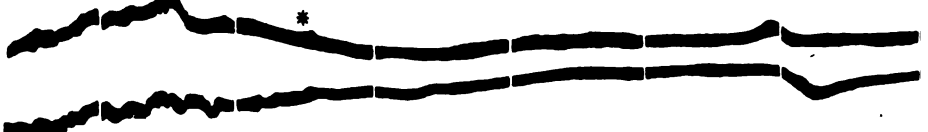
8. 1.58. P.M.

noon 2 4 6 8 10 mi

KEW THERMOGRAPH

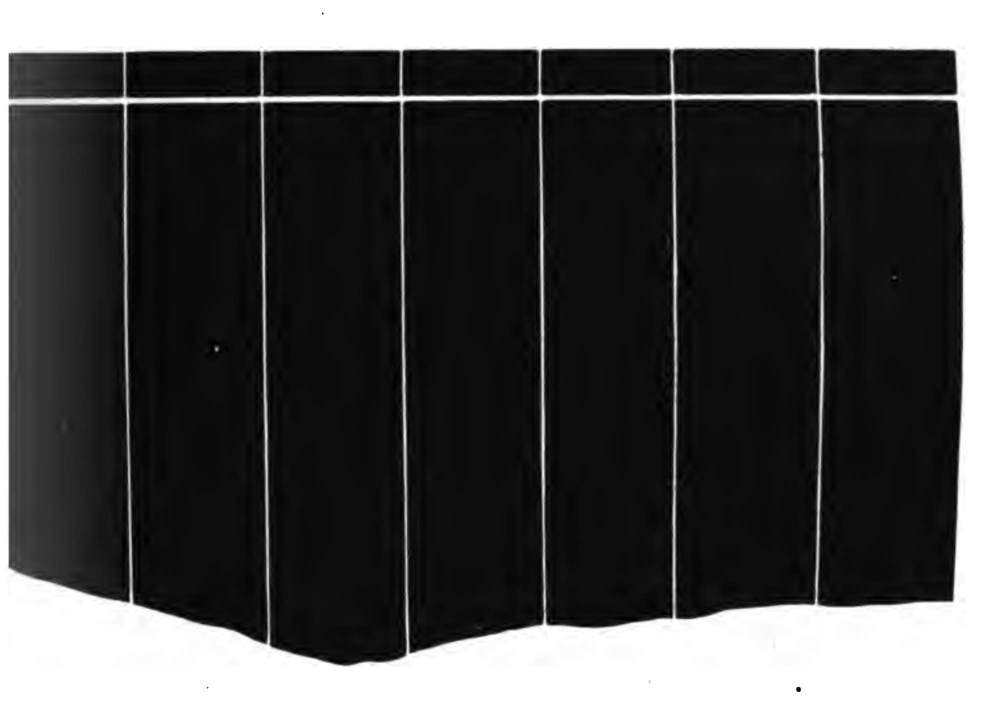
1868 March 7. 10.38. A.M. G.M.T.

8. 1.58. P.M.

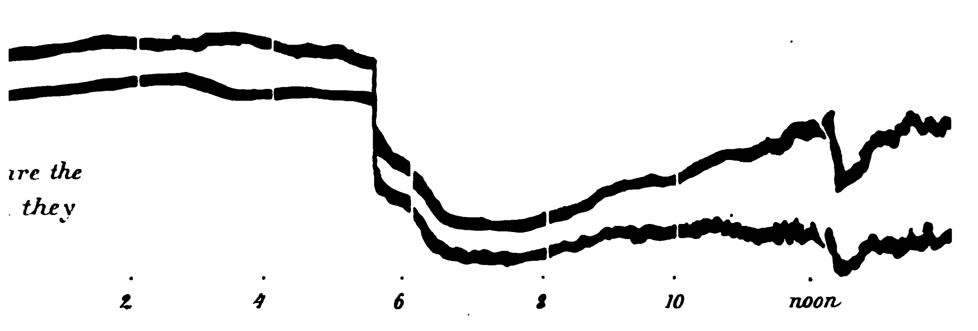


* *The white lines which cross the Thermograph tracings images of the graduations on the Thermometer stems serve as fiducial lines.*

noon 2 4 6 8 10 mi







ıre the
they

Direction.

N.
N.W.
W.
S.W.
S.
S.E.
E.
N.E.
N.

22h. 23h. 0h. 1h. 2h. 3h. 4h. 5h. 6h. 7h. 8h. 9h. 10h.

Astronom

Ti m

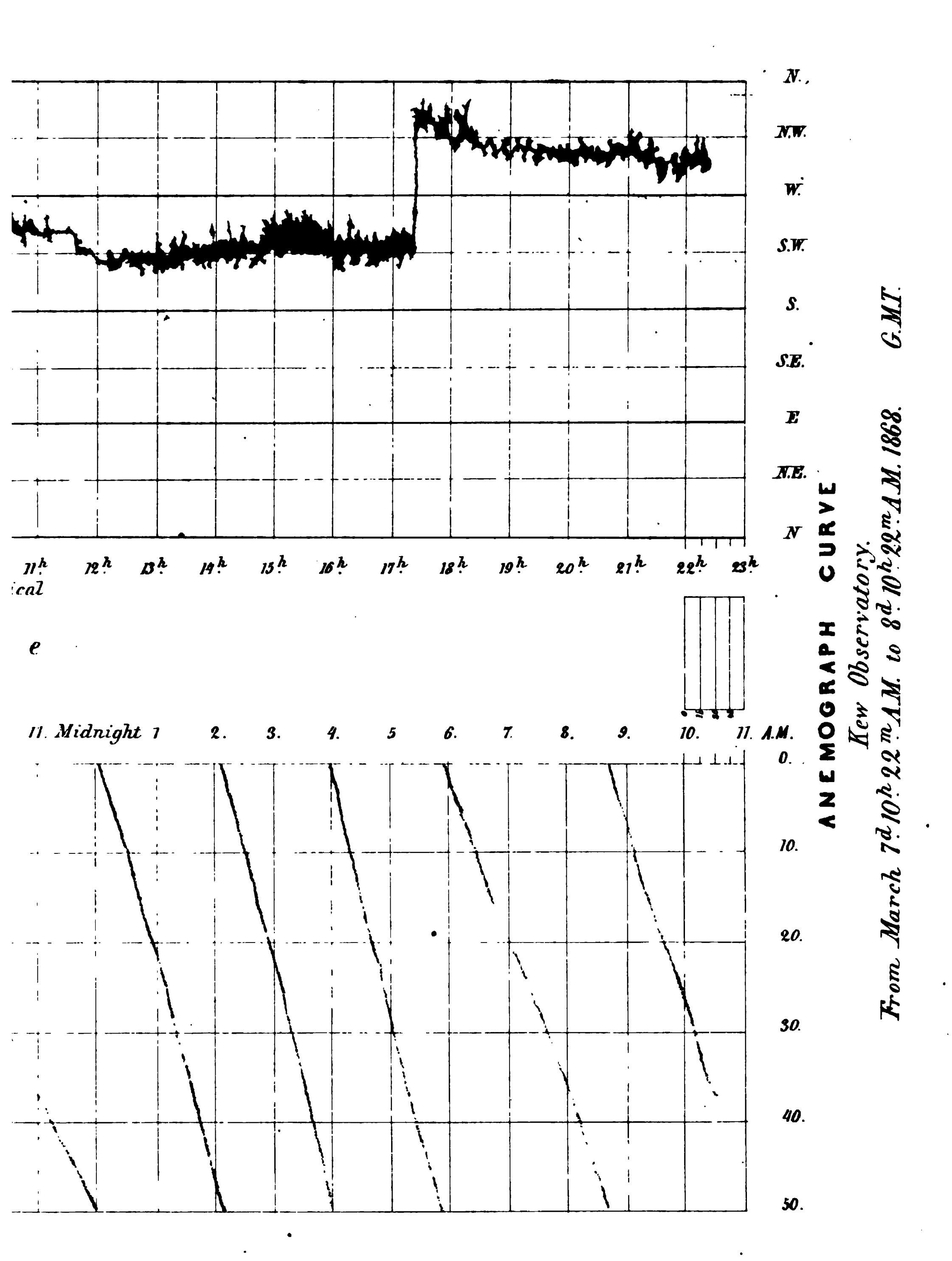
Civil

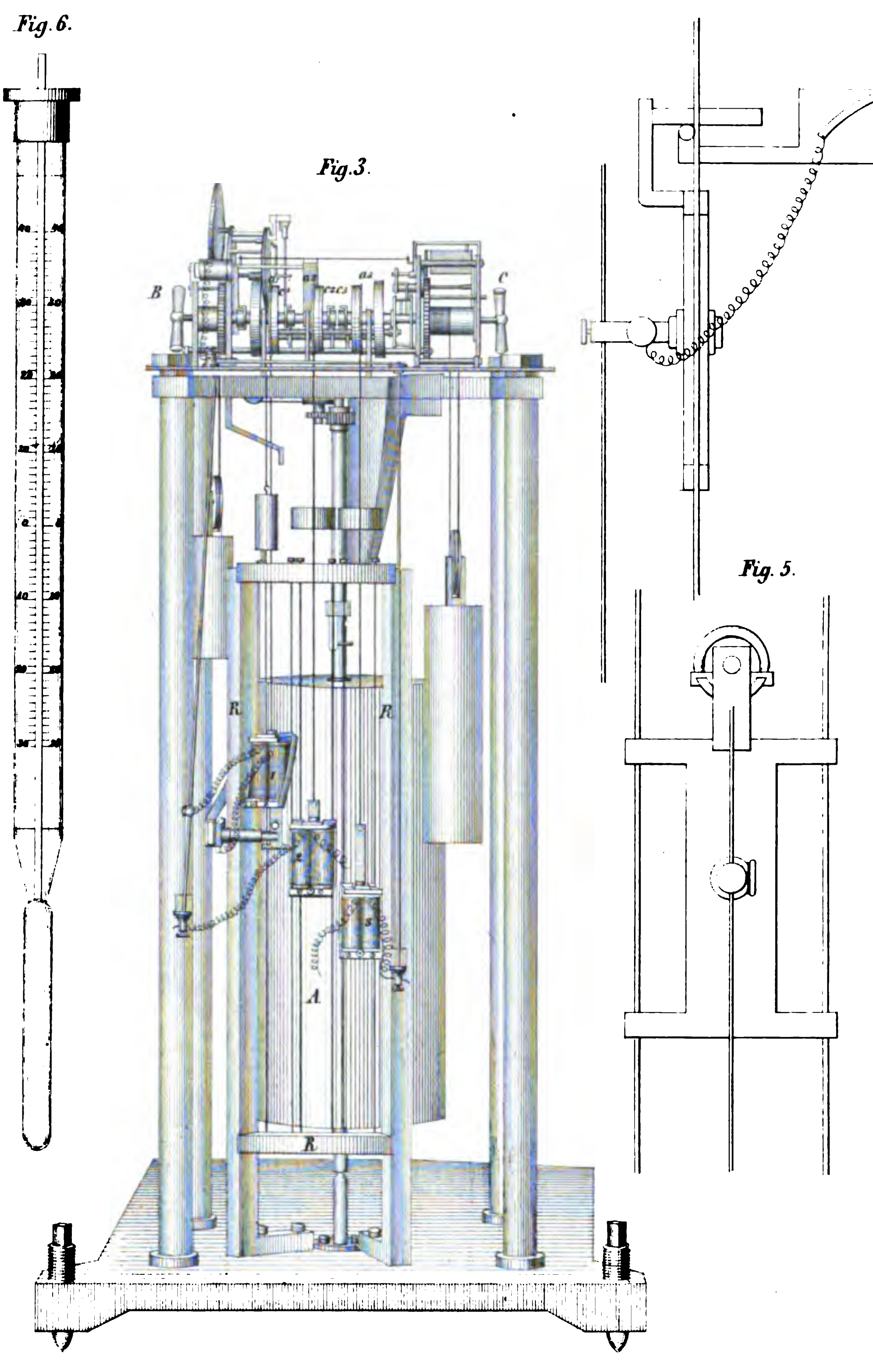
A.M. 10. 11. Noon 1. 2 3. 4. 5. 6. 7. 8. 9. 10.

Velocity in Miles.

0.
10.
20.
30.
40.

Ph. Carl's Repertorium V Band.


ANEMOGRAPH CURVE
Kew Observatory.
From March 7d 10h 22m A.M. to 8d 10h 22m A.M. 1868.
G.M.T.
N.
N.W.
W.
S.W.
S.
S.E.
E
N.E.
N
11h 12h 13h 14h 15h 16h 17h 18h 19h 20h 21h 22h 23h
11. Midnight 1 2. 3. 4. 5 6. 7. 8. 9. 10. 11. A.M.
0.
10.
20.
30.
40.
50.


Fig. 6.
Fig. 3.
Fig. 5.
B
C
R
R
A
R

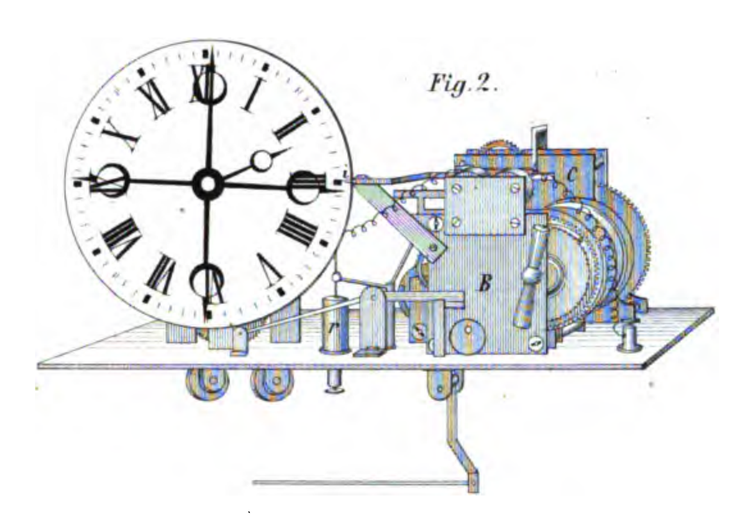
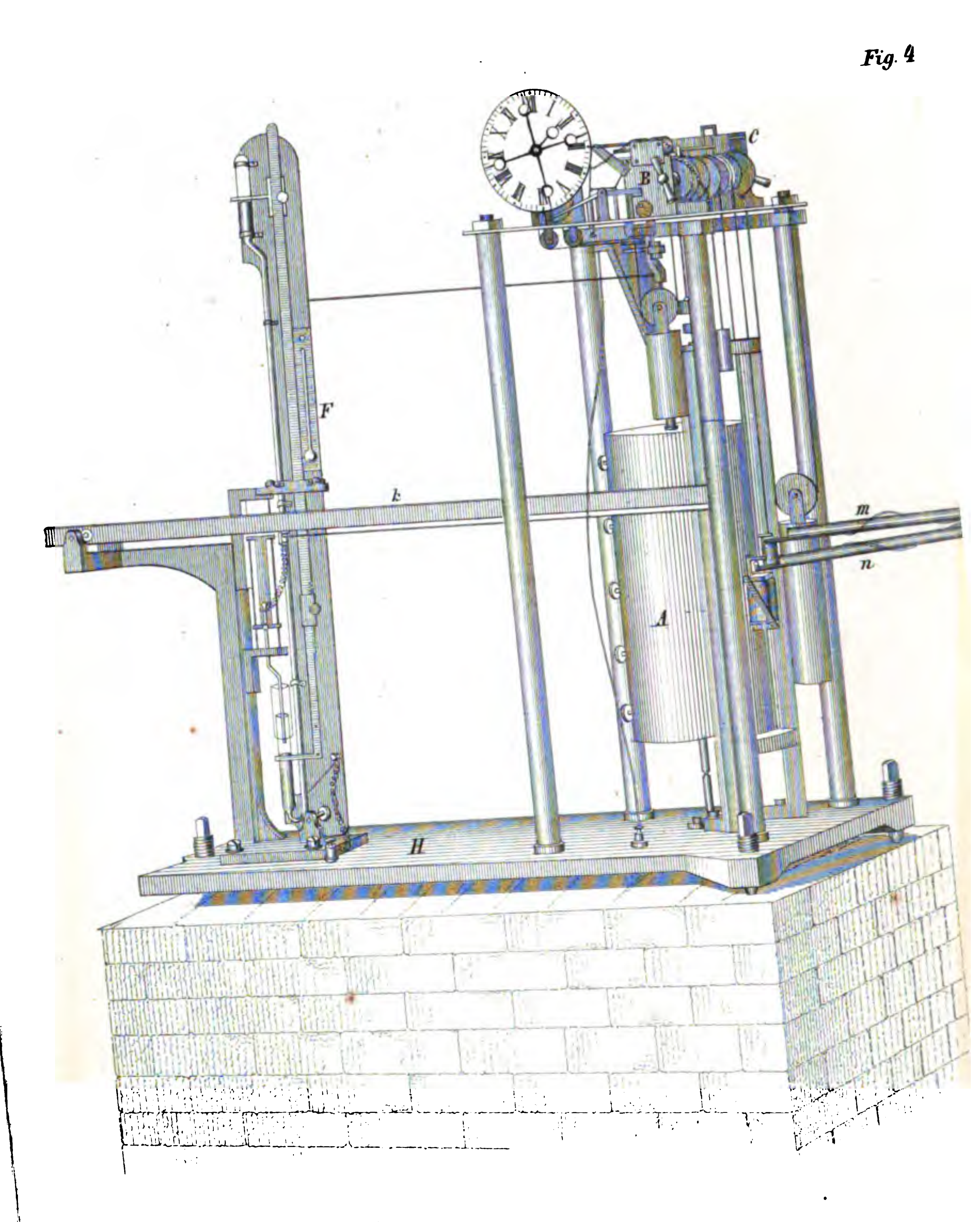
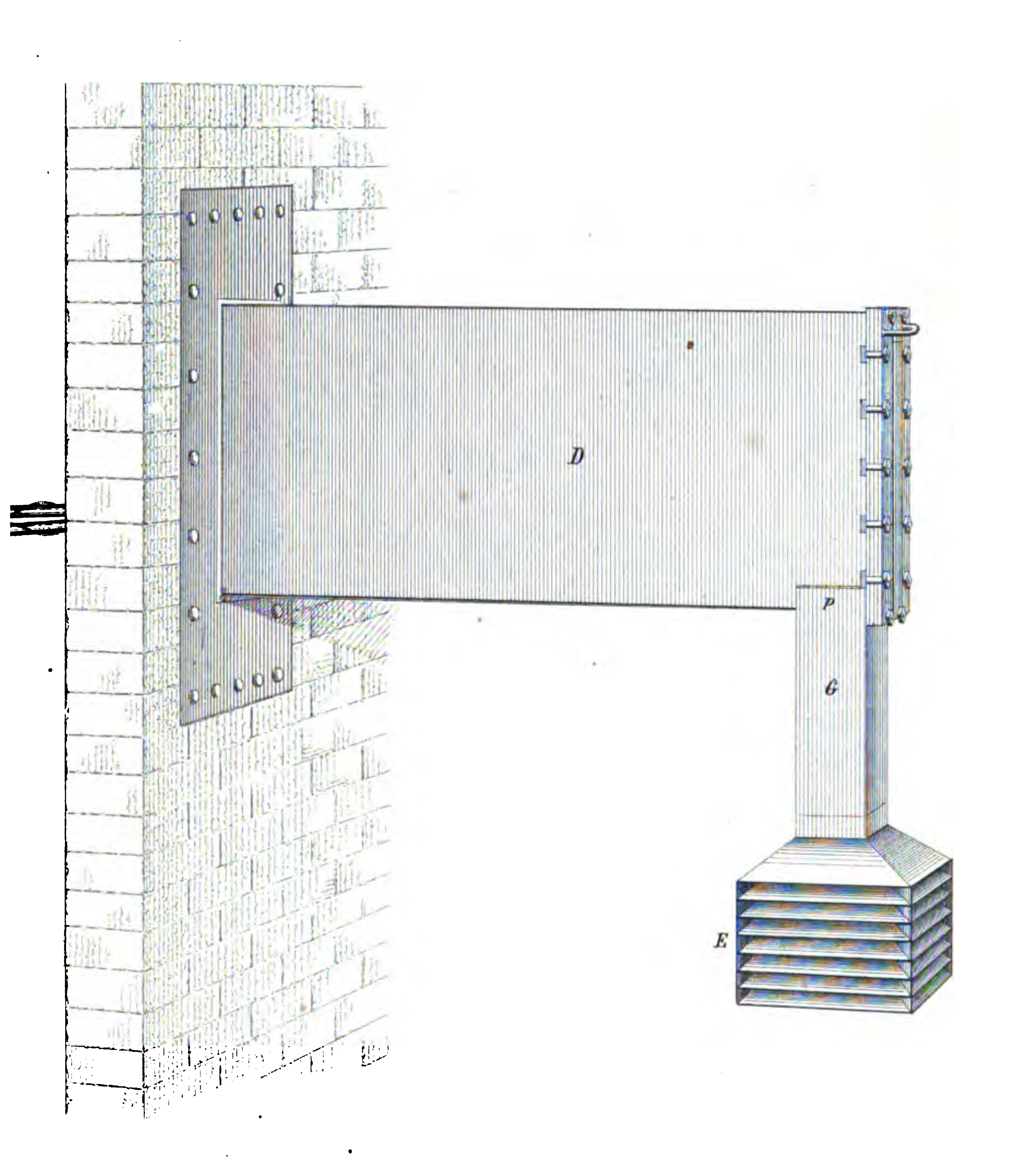


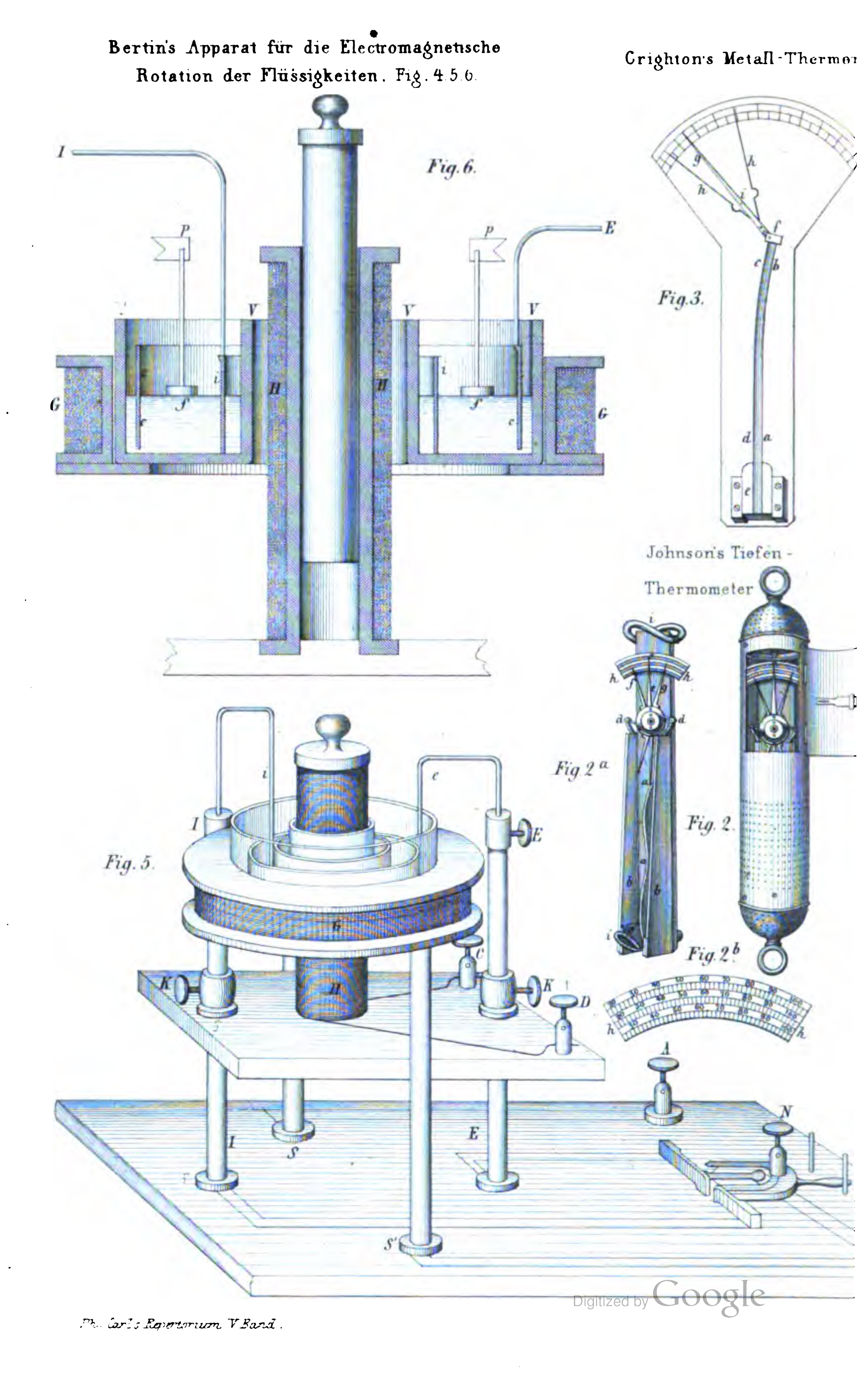
Fig. 2.

Fig. 1.

Fig. 4




D
P
G
E


Bertin's Apparat für die Electromagnetische
Rotation der Flüssigkeiten. Fig. 4. 5. 6.
Crighton's Metall-Thermo
Fig. 6.
Fig. 3.
Johnson's Tiefen-
Thermometer
Fig. 2 a
Fig. 2.
Fig. 2 b
Fig. 5.

eter.

Taf. XIV.

Fig. 7 a

P A D C B N

Bertin's Apparat zur Demonstration der Wirkung hohler Magnete.

V

G F F G

Fig. 7.

c S

a b

Minimum Thermometer von Hermann

Maximum meter von und Pfister.

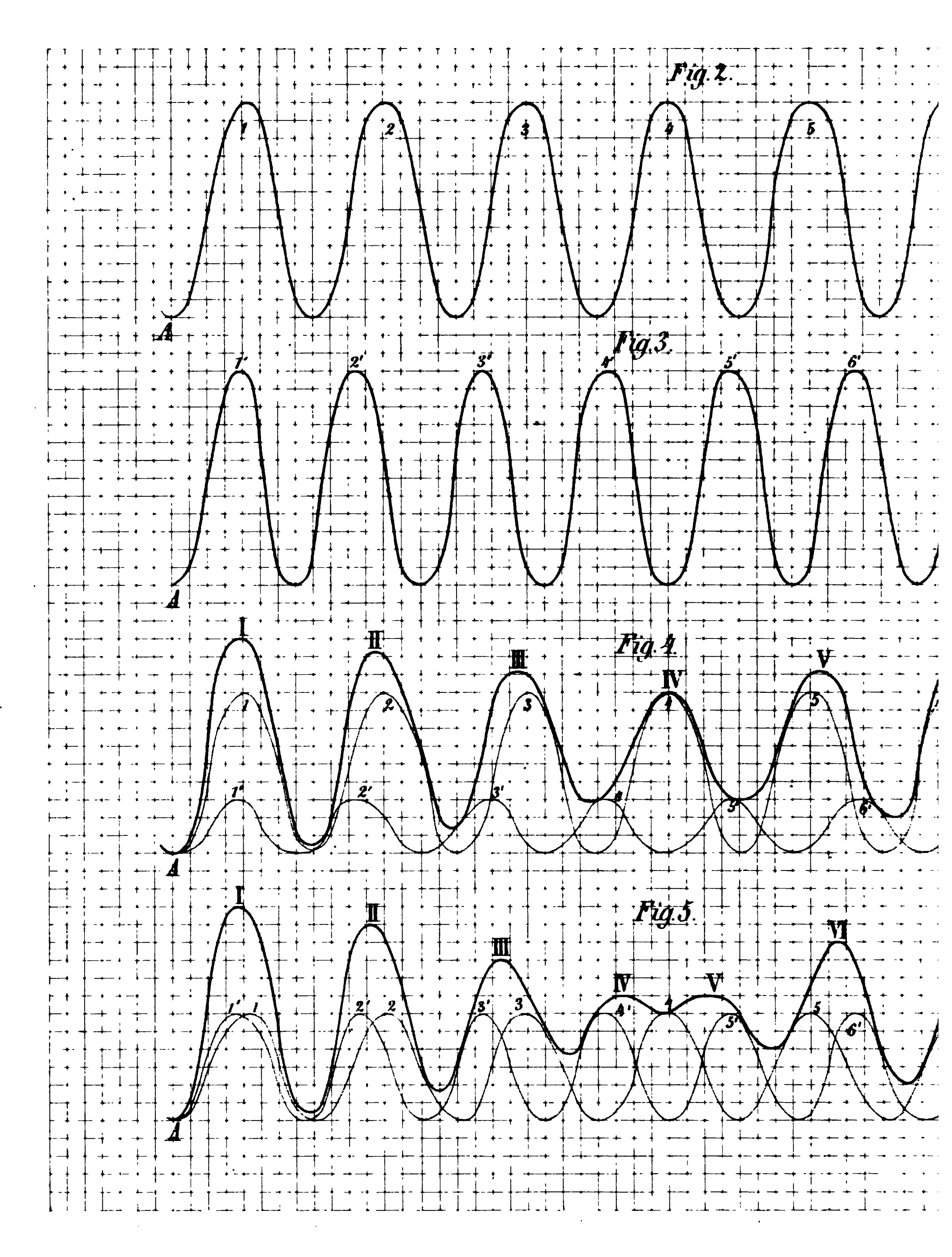
Fig. 1.

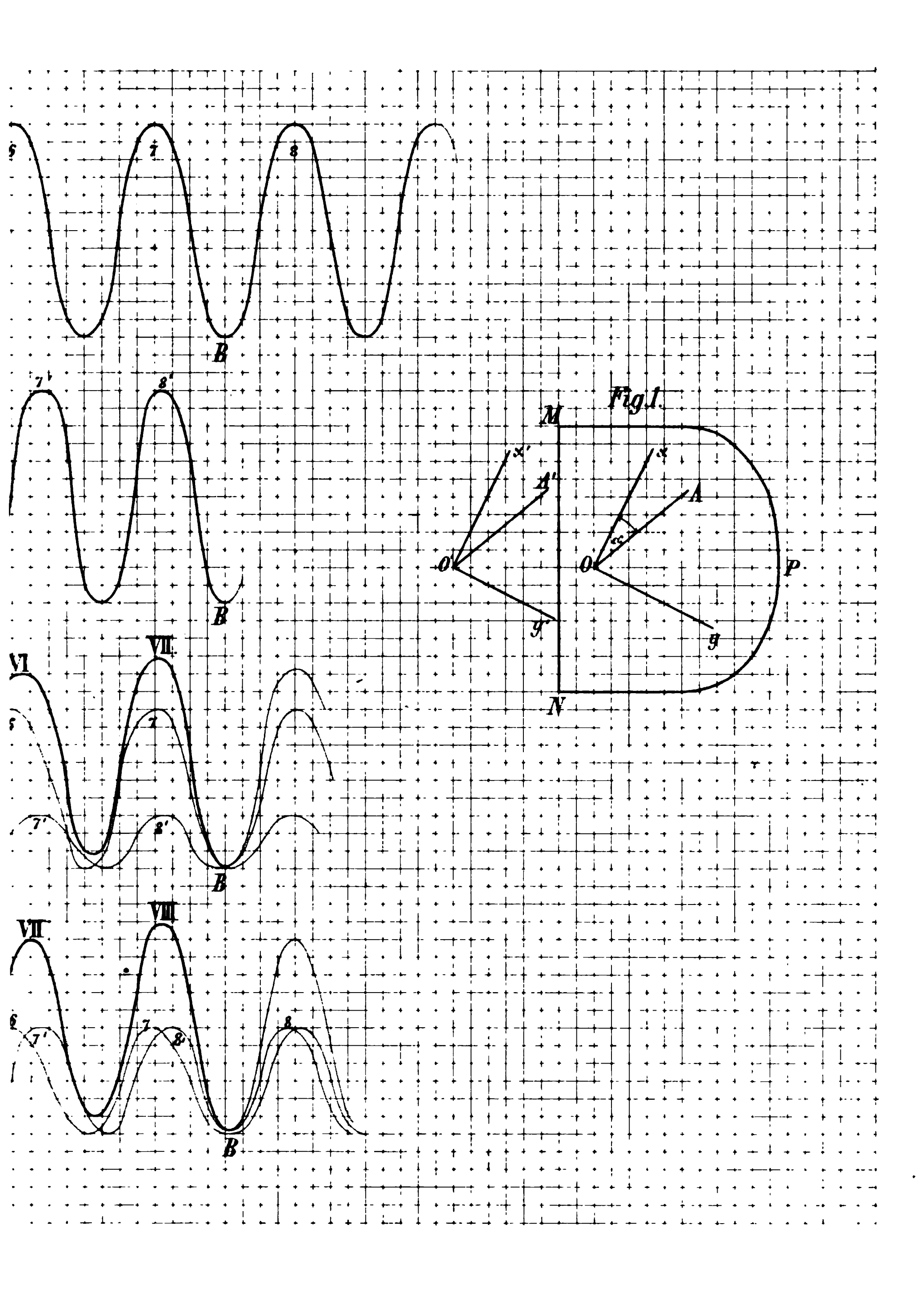
Fig. 4.

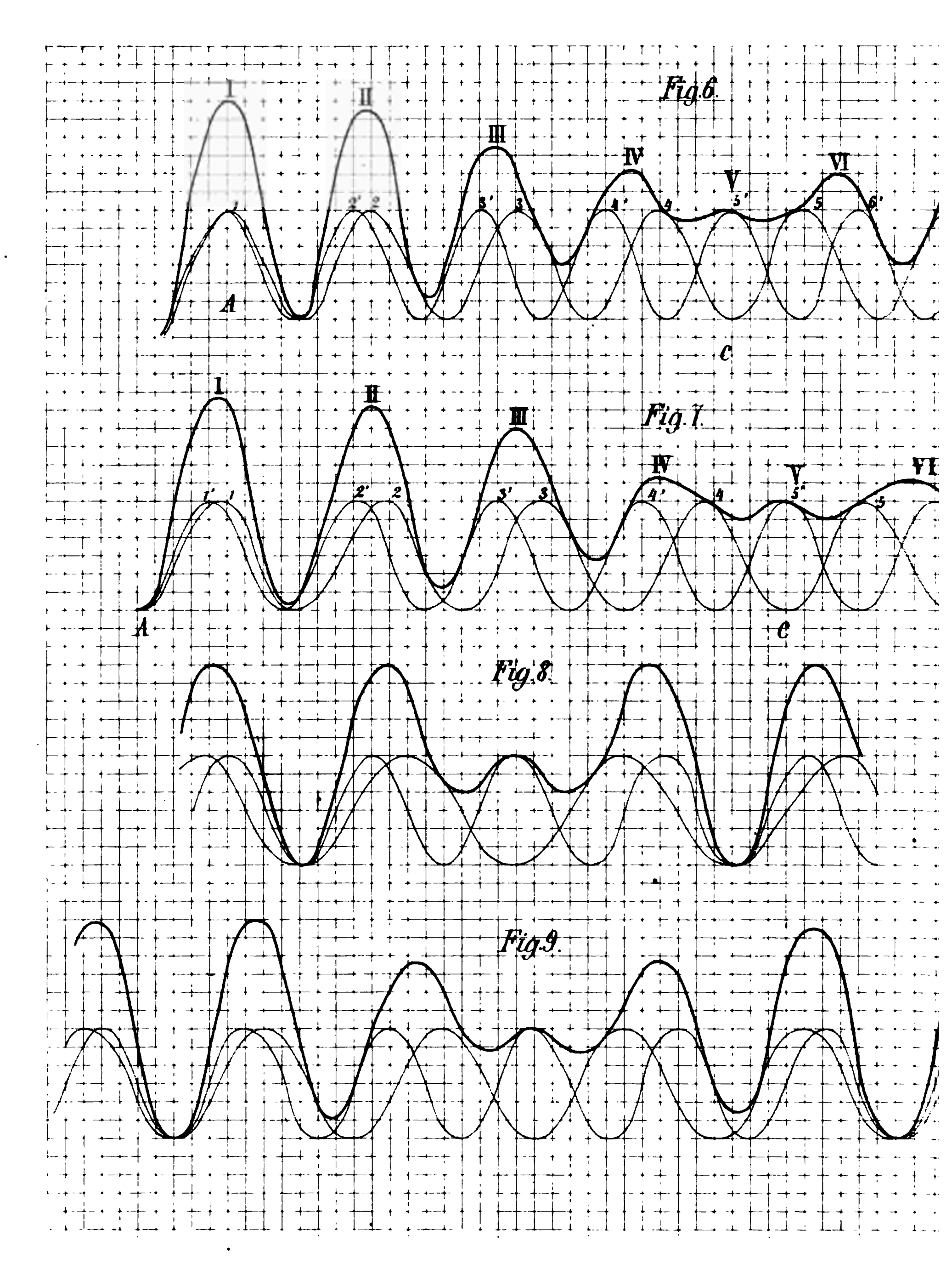
B' R' R B

n

P C C' N


Fig. 2.
A
Fig. 3.
A
Fig. 4.
I
II
III
IV
V
A
Fig. 5.
I
II
III
IV
V
VI
A


6
7
8
B
7'
8'
B
VI
VII
6
7
7'
8'
B
VII
VIII
6
7'
7
8'
8
B
Fig. 1.
M
x'
A'
x
A
O'
O
P
y'
y
N


Fig.6.
I
II
III
IV
V
VI
1
2'
2
3'
3
4'
4
5'
5
6'
A
C
Fig.7.
I
II
III
IV
V
VI
1'
1
2'
2
3'
3
4'
4
5'
5
A
C
Fig.8.
Fig.9.

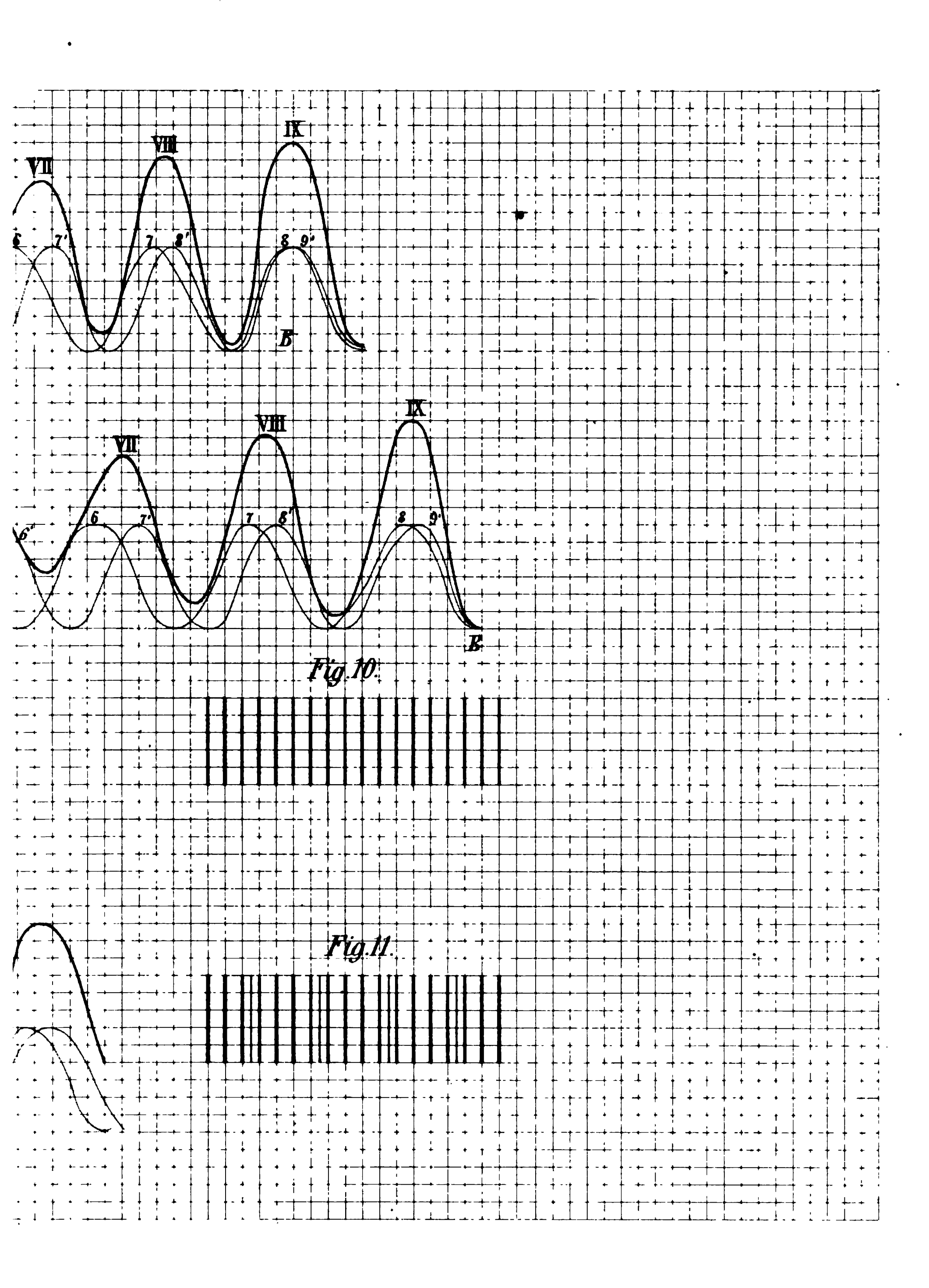
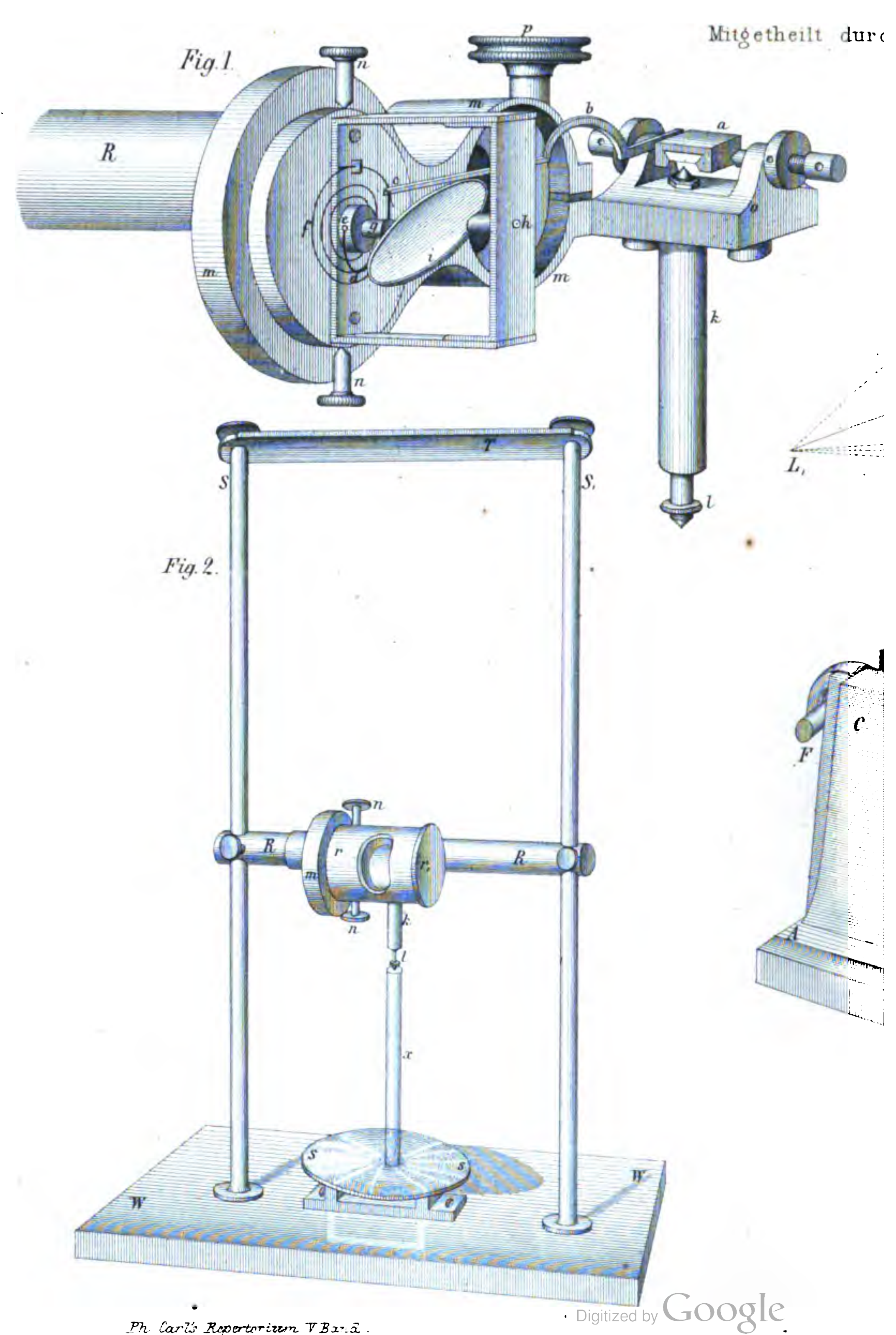


Fig. 10.

Fig. 11.

Apparat zur objectiven Darstellung der A

Mitgetheilt durc



.ehnung der Metalle durch die Wärme. Taf. XVII.

H. Schellen.

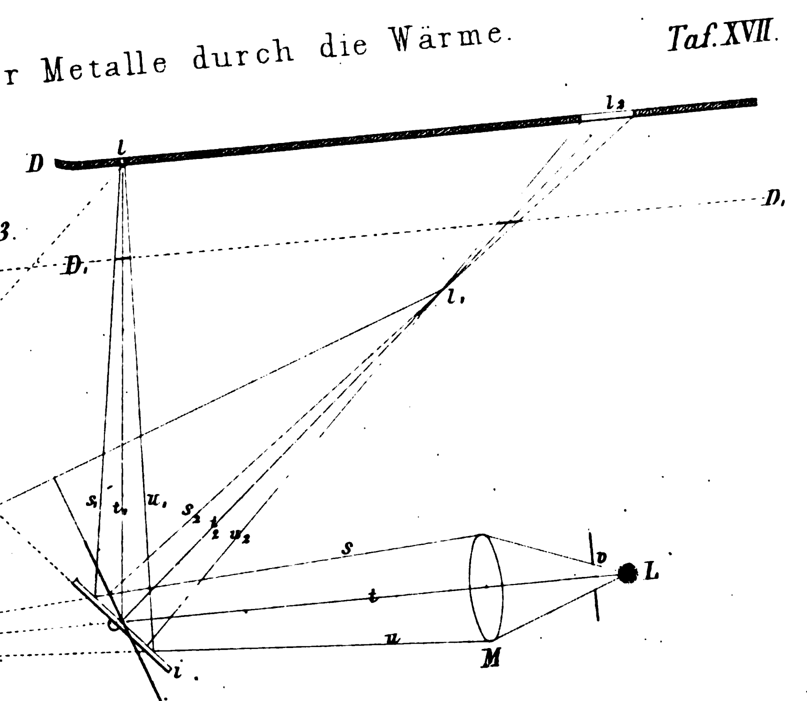


Fig. 3.

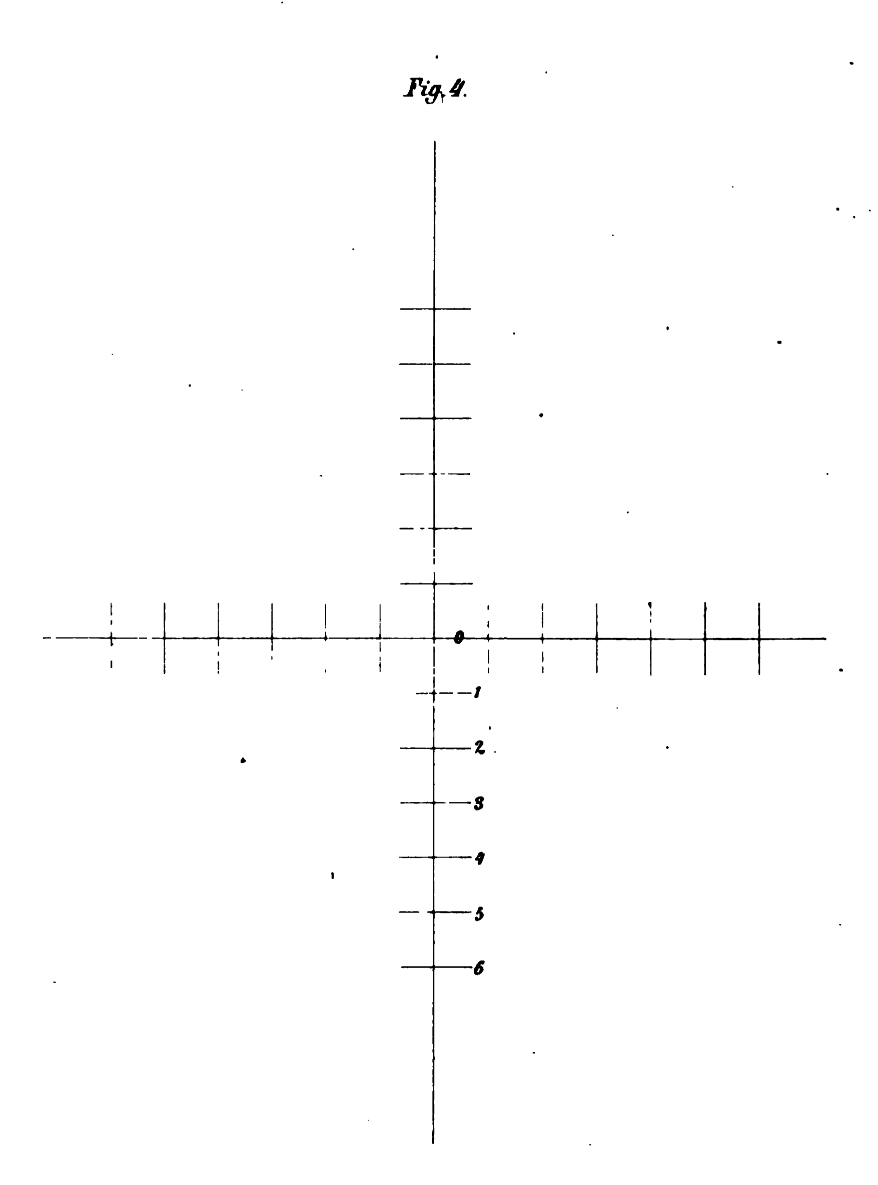
Fig. 4.

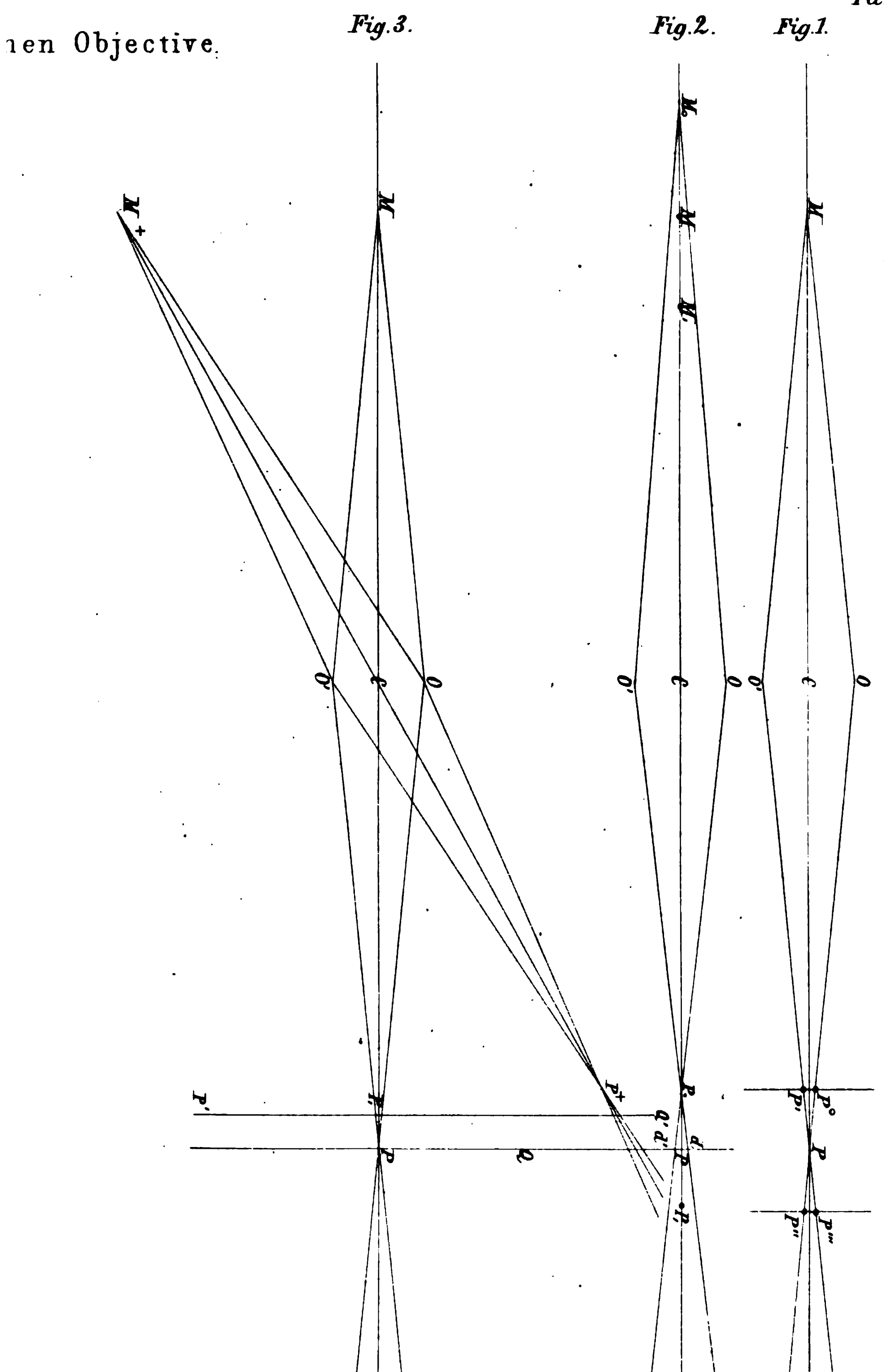
E

H

D

G


Fig. 4.
0
1
2
3
4
5
6


Fig. 3.
Fig. 2.
Fig. 1.

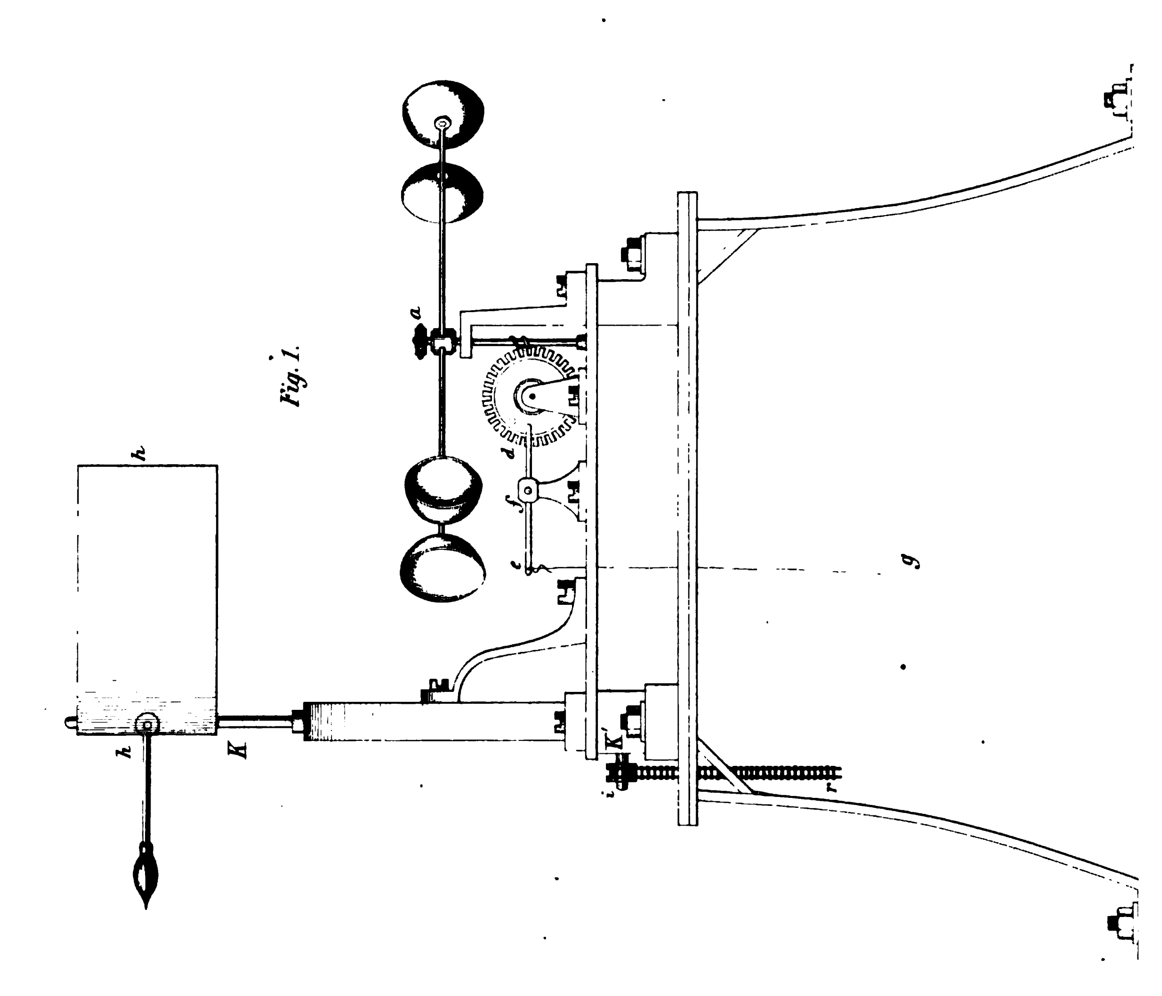


Fig. 1.

·ender Anemometer.

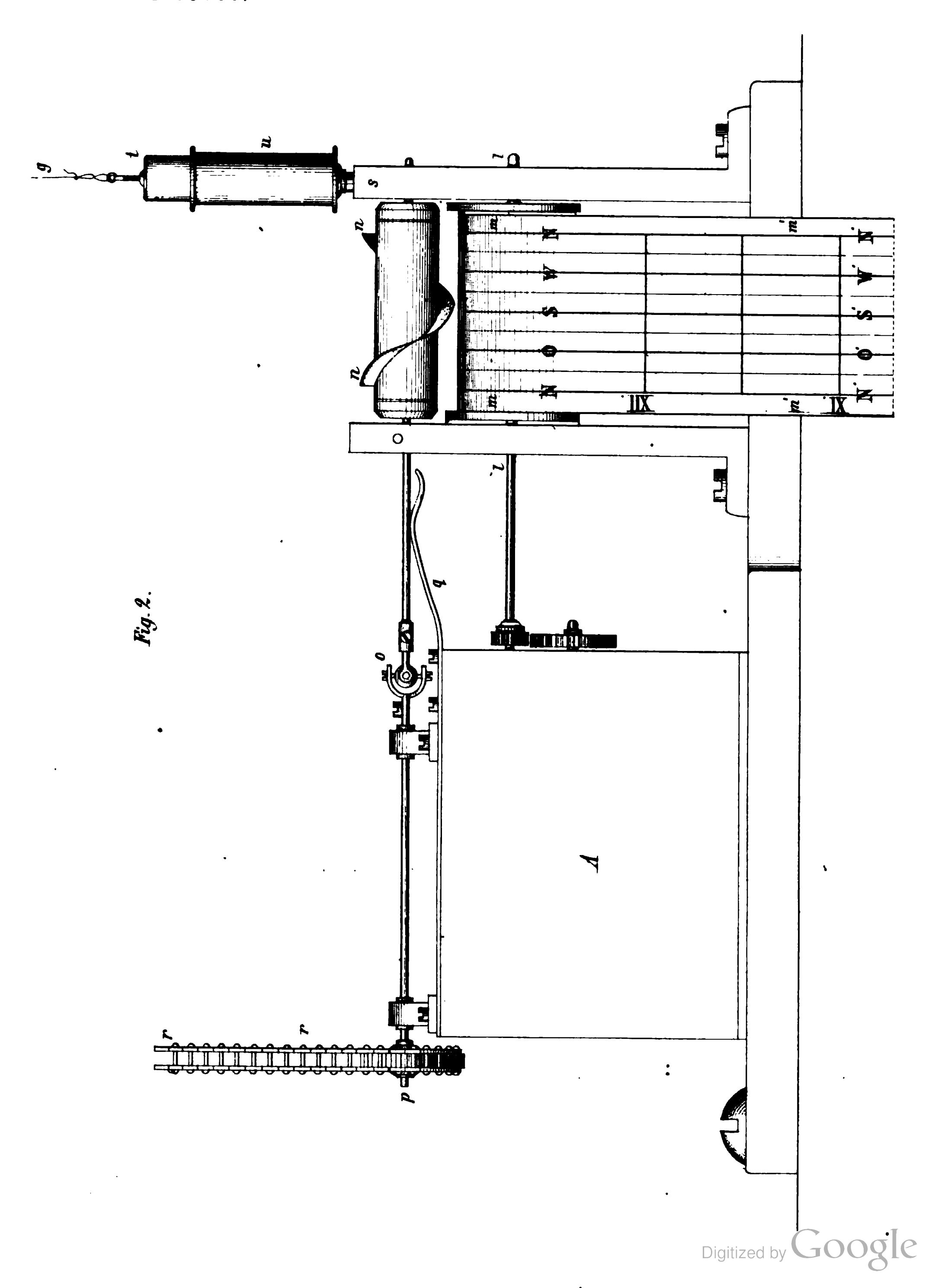
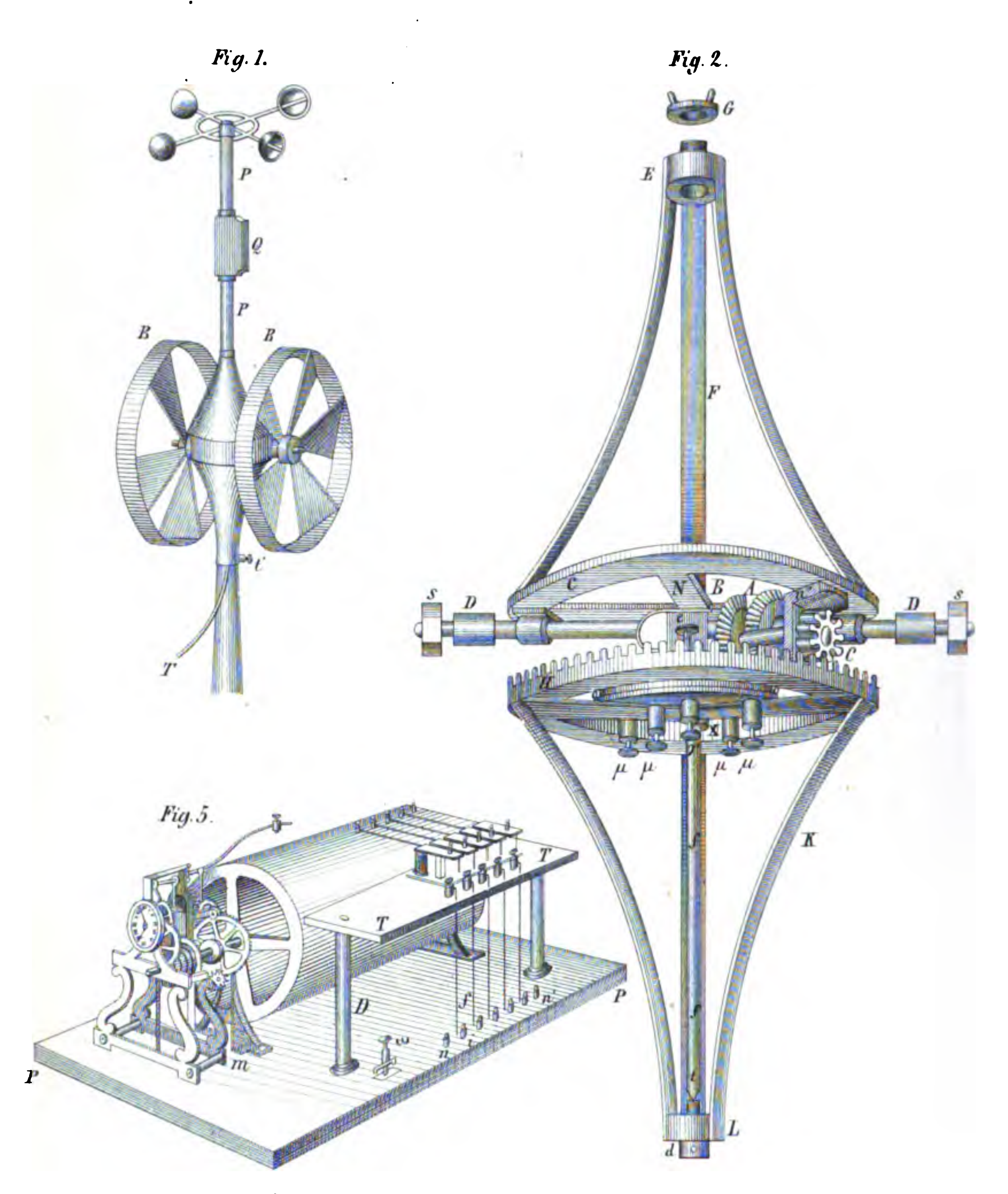
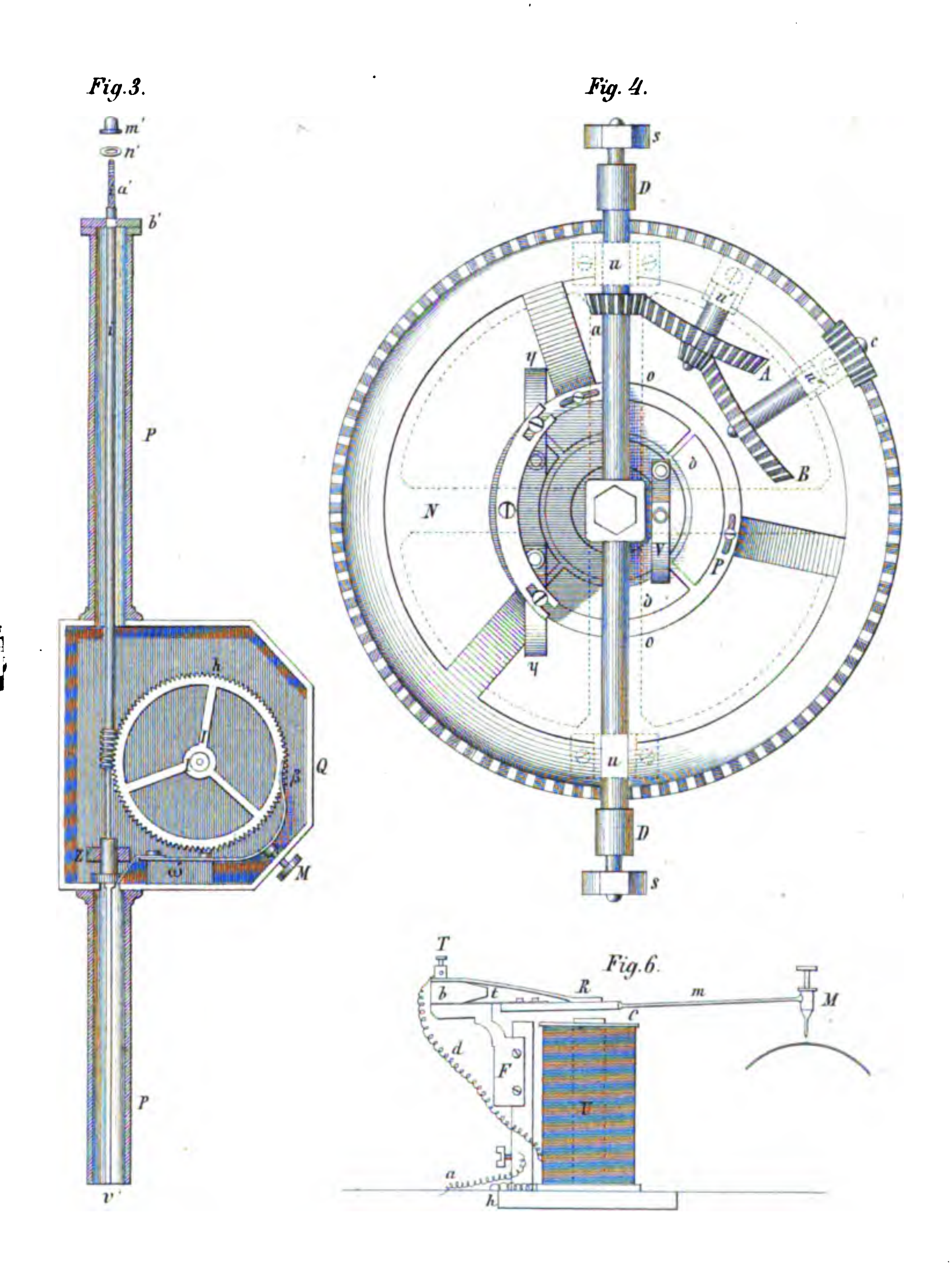


Fig. 2.



Ph. Carl's Repertorium V Band.


Fig. 3.
m'
n'
a'
b'
i
P
h
β
Q
Z
ω
M
P
v'
Fig. 4.
s
D
u
u'
c
a
A
q
o
u
B
N
P
V
q
o
u
D
s
Fig. 6.
T
b
t
R
m
M
c
d
F
a
h

Wild's Neues Polaristrobometer.

Fig. 1

¼ natürl. Grösse.

Fig. 2.

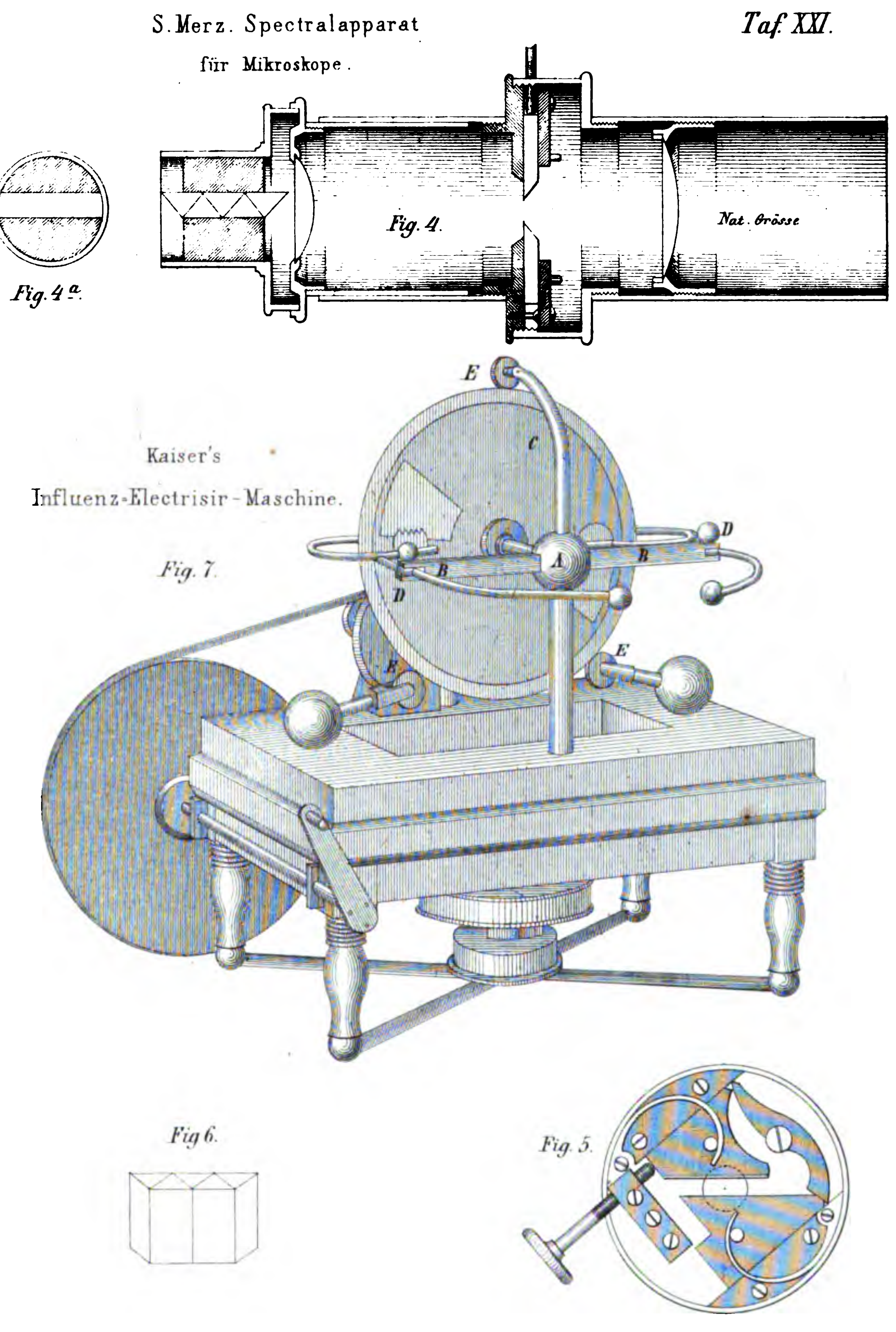
¼ natürl. Grösse.



Fig. 3.

¼ natürl. Grösse.




S. Merz. Spectralapparat
für Mikroskope.
Fig. 4a.
Fig. 4.
Nat. Grösse
E
C
Kaiser's
Influenz-Electrisir-Maschine.
Fig. 7.
D
B
A
B
D
E
E
Fig 6.
Fig. 5.

